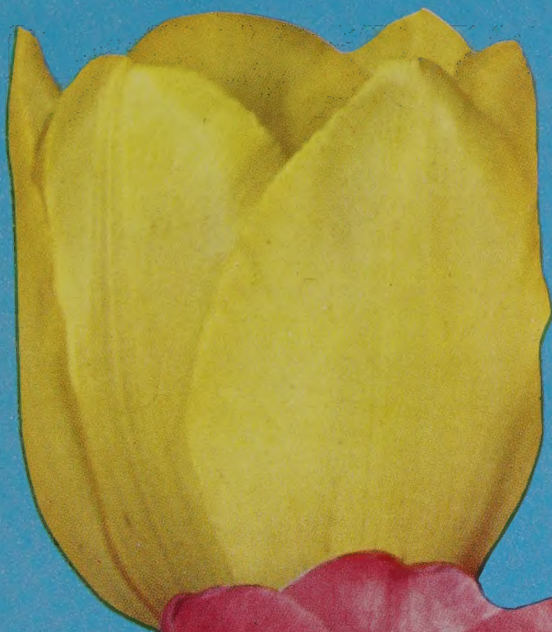


BULBS • PLANTS • SEEDS • SUPPLIES

FALL 1960 SPRING 1961



GOLDEN HARVEST



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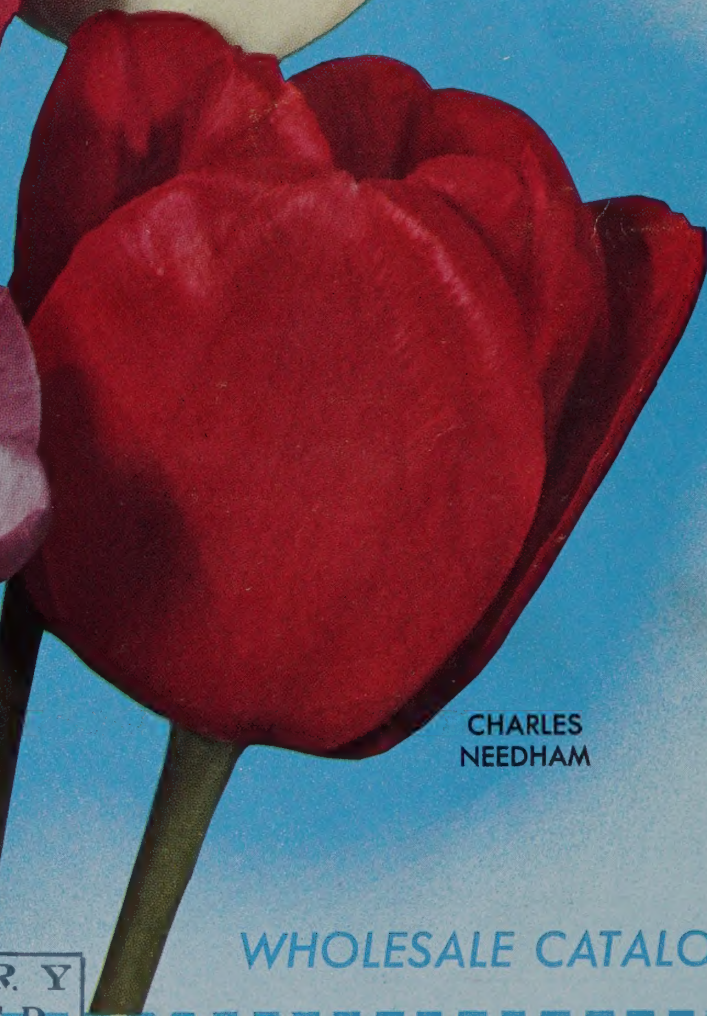
PRINCESS
ELIZABETH



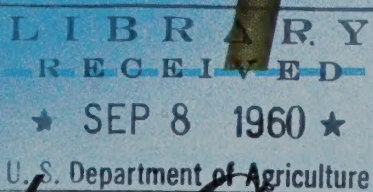
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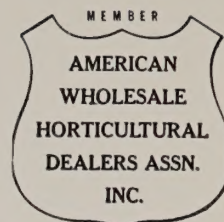
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FOSTERIANA RED EMPEROR (See page 9)



KING ALFRED (See page 11)

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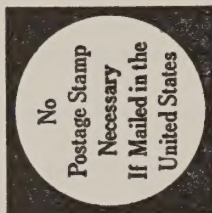
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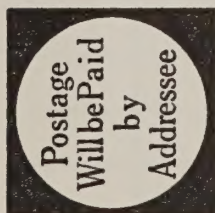
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Be sure Check or Money Order is enclosed.

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GENERAL HINTS ON FORCING BULBS

The bulb is a storehouse of food that supports the growth of the plant and flower. Plump solid bulbs are the results of good growing practices in the field. When you receive your SSS bulbs, handle them properly for best satisfaction.

Each type of bulb has certain specific storage and forcing requirements, which are described along with the listing of varieties, but there are some general hints for all kinds.

1. **When bulbs arrive** — Unpack at once. Most bulbs arrive in the fall. The bulbs have been grown in the field, given the proper treatment after harvest and then sent to you, the cut flower and potted plant producer. "Prepared" or "precooled" bulbs should be planted immediately upon arrival.

2. **Storage** — If you can't plant the bulbs right away, put them in cool storage at 48-50°. Hyacinths keep better at 55°. Long holding of lilies requires a lower temperature, down around 31-32°. Callas, tuberous begonias, tuberose and coladiums are **not** true bulbs; do not store them cold.

3. **Planting** — Soak pots thoroughly before using. Plant all bulbs before it gets very cold out of doors. After planting, soak the soil well. Good root action needs good drainage. Use some coarse gravel in the bottom of pots. Flats should have open cracks. The soil should have good structure. For heavy soils, add some sand and peat. Use a soil low in fertility. Do not use old mum soils which often have too much nutrients which delay root formation. A soil test will give you the answer.

4. **Cold storage treatment** — The object of cold storage is to have the bulbs develop a good root system before the top of the plant grows. Of equal importance are the chemical changes taking place inside the bulb. Chemical growth processes are in action! In many types of bulbs the flower bud is slowly developing and pushing up toward the top of the bulb during storage.

a. **Indoor Storage:** A bulb cellar or special storage building makes it easy to get out bulb stock at times when material out of doors is frozen in the ground. It is easier to maintain uniform temperatures in this type cold storage than out door burying.

b. **Outdoor Storage** The soil under the flats and pots should have good drainage; excessive wetness prevents good rooting. Put a layer of gravel under the flats and pots. When the flats and pots are set in place, soak them thoroughly. Then cover with a 1 to 2 inch layer of sand, and then 6 to 12 inches of soil. The sand separates the soil from the pots and flats making them easier to remove.

In cold weather, don't put out more than you can cover by the end of the day. Put in good strong stake labels so you can find the various lots when you want them for forcing. Make a chart. Put varieties outside, in reverse order of forcing so you don't have to dig all over the storage area when you dig out the bulbs.

After the upper part of the covering soil has frozen, cover with a deep layer (10-12 inches) of salt hay, wood shavings, sawdust, or other insulating materials to keep the soil from thawing, and to keep the frost from penetrating deeper where the low temperatures will slow down rooting of the bulbs.

Rodents may nest in the hay and shavings, and eat bulbs, especially tulips. A dusting with Tonacide or some similar naphthalene material, or sulphur, before covering helps prevent rodent damage.

If the ground is frozen too solidly when you want to get out the flats, lay an electric heating cable on the ground and cover it with aluminum foil and a tarpaulin to thaw out the soil, or use a load of hot sand dumped on the ground and covered with a tarp.

5. **Forcing** — Bulbs should be well rooted when brought into the greenhouse. Don't let the bulbs freeze while digging, and moving into the greenhouse. Actual forcing conditions are given on subsequent pages for each type of bulb. Have the thermometer at plant level. Differences of as much as 5 to 7 degrees on thermometers at different heights show why different growers sometimes get different results when supposedly using the same greenhouse temperature.

The greenhouse temperatures recommended for each crop are night temperatures with day temperatures 8 to 15 degrees higher depending on whether the day is bright or cloudy. Raising temperatures speeds up growth but often reduces quality.

The rapidity of forcing is governed by the stage of development when brought into the warm greenhouse.

6. **Watering** — Keep the soil moist all the time for best growth; keeping soil slightly on the dry side can help keep the potted plants from growing too tall.

Good drainage of the flats or pots, and soil with good structure prevents excessively wet soil which hinders root action.

Avoid watering hyacinths for 2 or 3 days after bringing into the greenhouse. There is some feeling that this helps prevent "spitting" of the flower bud.

Have foliage dry at night; water in the morning. This reduces high humidity which favors the disease botrytis (petal rot or water neck).

7. **Finishing Pot for Sale** — Short sturdy plants do not need support. High temperatures, and poor light tend to produce leggy, weak stems. Staking plants costs money and reduces profits.

A little grass seed (red top is good) sown between the bulbs three weeks before finishing will dress up the pots with a green mat, and gives that added touch of quality.

8. **Care of Potted Plants** — When you have a good product, don't ruin it with poor handling. Paper sleeves are a real labor-saver.

9. **Care of Cut Flowers** — A good product is worthy of careful handling. A parchment sleeve with your name on it protects your flowers and advertises the product as being yours.



BULBS FOR FORCING and Fall Planting



GLACIER (See page 3)



CITY OF HAARLEM

DARWIN TULIPS	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
Afterglow. Deep rosy crimson, edged salmon orange; unique. Height 28 inches	5.50	50.00	5.00	45.00
*Alabaster. Large heavy textured pure white. Can be forced from Jan. 15th. Height 20 inches	5.50	50.00	5.00	45.00
*All Bright. Bright Red Bartigon sport. Can be forced from Jan. 15th. Height 24 inches	4.75	42.00	4.25	38.00
*Annie Speelman. Large creamy white, shaded yellow. Height 28 inches	5.50	50.00	5.00	45.00
*Aristocrat. Satiny pink with lighter edge. Improved Princess Elizabeth. Can be forced after Jan. 15th. Height 28 inches	5.50	50.00	5.00	45.00
*Bartigon. Crimson red. Can be forced from Jan. 15th. Height 24 inches	4.75	42.00	4.25	38.00
*Bartigon Maximus. A larger form of Bartigon. Clear crimson red, white base, ringed deep blue. Extra fine for forcing and pans, cutting and bedding. Height 24 inches	5.00	45.00	4.25	38.00

DARWIN TULIPS	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
*Beator. Blood red, edged lilac rose. Can be forced from Jan. 15th. Height 25 inches	5.00	45.00	4.50	40.00
Blue Aimable. Bright violet-blue; white base, starred blue. Height 25 inchss	5.00	45.00	4.50	40.00
*Campfire. Blood-red Bartigon sport. Extra fine forcer. Height 24 inches	4.75	42.00	4.25	38.00
Charles Needham. Huge glowing vermillion-scarlet. Height 24 inches	5.50	50.00	5.00	45.00
*City of Haarlem. Intense deep scarlet, with white margined deep blue base. One of the best Scarlet Darwin Tulips for growing indoors as well as outdoors. Height 25 inches.	5.50	50.00	5.00	45.00
Clara Butt. Beautiful clear salmon-pink with blue base. One of the old, good bedding varieties. Height 23 inches	4.75	42.00	4.25	38.00
*Demeter. Reddish-purple, extra large perfect shaped flower. Very early excellent forcer. Can be forced Dec. 25th. Height 28 inches	5.50	50.00	5.00	45.00

*Varieties recommended for forcing.



SCOTCH LASSIE (See Page 4)

DARWIN TULIPS

	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
Dorrie Overall. Dark petunia violet edged mauve. Fine for late forcing. Height 26 inches	5.00	45.00	4.50	40.00
Duke of Wellington. Pure white good substance. Height 25 inches	5.50	50.00	5.00	45.00
Eclipse. Glowing blood red, very fine. Height 25 inches	5.50	50.00	5.00	45.00
Farncombe Sanders. Fiery rose scarlet. Height 28 inches	4.75	42.00	4.25	38.00
Glacier. (Syn. Wild Lust). Extra large ivory-white, large oval shaped flower with fine lasting qualities. Height 27 inches	6.50	60.00	6.00	55.00
*Golden Age. Golden yellow edged salmon orange. Can be forced from Jan. 25th. Height 24 inches	5.50	50.00	5.00	45.00
*Insurpassable. A very large lilac flower of fine form and great substance; a tall and strong growing variety. Height 28 inches	5.00	45.00	4.25	38.00
King George V. Deep cherry rose with blue and white base. Large flower of splendid form on strong tall stem. Height 30 inches	4.75	42.00	4.25	38.00
La Tulipe Noire. Velvety deep maroon black; the darkest of all Tulips. Height 28 inches	5.50	50.00	5.00	45.00
Madame Butterfly. Large violet purple with lighter edge. Height 28 inches	5.00	45.00	4.50	40.00
*Mamasa. Bright buttercup yellow. Excellent forcer	5.00	45.00	4.25	38.00

*Varieties recommended for forcing.

DARWIN TULIPS

	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
Margeaux. Deep wine red with lighter edges, blue base. Height 26 inches	5.50	50.00	5.00	45.00
*Montgomery. White edged Red. Can be forced from Jan. 15th. Height 24 inches	5.50	50.00	5.00	45.00
*Most Miles. Currant red, base yellow. Force from Jan. 15th. Hgt. 25".....	7.50	70.00	6.50	60.00
Mr. van Zyl. Medium large. Rosy-pink with lighter edge	4.75	42.00	4.25	38.00
*Niphetos. Medium large soft sulphur yellow. Can be forced from Jan. 25th. Height 26 inches	5.00	45.00	4.50	40.00
*Pandion. Purple, edged white. Can be forced from Feb. 15th. Height 25 inches	6.50	60.00	6.00	55.00
*Paul Richter. Large bright orange, yellow base. Excellent for pans or cut. Can be forced from Jan. 1st.	5.50	50.00	5.00	45.00
*Philip Snowden. Delicate rose Bar-tigon sport. Can be forced from Jan. 15th. Height 24 inches	4.75	42.00	4.25	38.00
Pride of Haarlem. Brilliant rosy-carmine with blue base. Large flower on tall, strong stem. Very popular. Height 30 inches	4.75	42.00	4.25	38.00
*Pride of Zwanenburg. Enormous bright rose with lighter edge. Can be forced from Jan. 15th. Height 28 inches	6.50	60.00	6.00	55.00
*Princess Elizabeth (Julie Virnot). Vivid rosy pink with lighter edges. Very fine for forcing and planting outside. Height 29 inches	4.75	42.00	4.25	38.00

REMBRANDT TULIPS

*Cordell Hull. Large blood red on white. Can be forced from Jan. 20th. Height 24 inches.	5.50	50.00	5.00	45.00
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CORDELL HULL

DARWIN TULIPS

	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
* Princess Mary. Huge brilliant rose-pink. Extra fine form and good forcer. Height 28 inches	5.50	50.00	5.00	45.00
* Prunus. Clear salmon pink Bartigon sport. Can be forced from Jan. 15th. Height 24 inches	4.75	42.00	4.25	38.00
* Queen of Bartigons. Pure salmon pink. Can be forced from Jan. 15th. Height 24 inches	6.50	60.00	6.00	55.00
Queen of the Night. Large deep velvet maroon. Height 28 inches.....	4.75	42.00	4.25	38.00
* Red Pitt. Bright red Wm. Pitt sport. Can be forced from Jan. 10th. Height 24 inches	4.75	42.00	4.25	38.00
* Scarlet Sensation. Large scarlet. Can be forced from Jan. 10th. Height 24 inches	5.00	45.00	4.50	40.00
Scotch Lassie. Large deep lavender. Height 26 inches	4.75	42.00	4.25	38.00
Sunkist. Large deep golden yellow. Height 26 inches	4.75	42.00	4.25	38.00
Sweet Harmony. Lemon yellow edged silvery white. Height 30 inches.	6.50	60.00	6.00	55.00
The Bishop. Beautiful deep heliotrope blue base with white halo and purple anthers; a large flower of great beauty, tall sturdy grower. Height 30 inches	5.50	50.00	5.00	45.00
* The Peach. Peach colored with white center. Height 30 inches. Can be forced from Feb. 15th	5.50	50.00	5.00	45.00
* Utopia. Large cardinal red. Can be forced from Jan. 20th. Height 22 inches	4.75	42.00	4.25	38.00
White Giant. Extra tall giant pure white flower which has unusual lasting qualities. Height 28 inches	6.50	60.00	6.00	55.00
* Wm. Pitt. Bright scarlet with purplish bloom on the outer petals; and blue starred white base. Excellent variety for forcing. Height 25 inches	4.75	42.00	4.25	38.00
Yellow Giant. Rich deep golden yellow with black anthers. Globular flower on tall, strong stem. Height 32 inches	4.50	40.00	4.00	35.00
* Zwanenburg. Pure white with black anthers; tall stems. This variety has good keeping qualities. Height 29 inches	5.50	50.00	5.00	45.00
Superfine Darwin Mixed	4.50	40.00	4.10	36.00

MENDEL TULIPS

* Athleet. Pure white. Force from Jan. 10th.. Height 18 inches.	5.00	45.00	4.50	40.00
* Bing Crosby. Glowing Scarlet. Can be forced from Jan. 10th. Height 18 in.	6.50	60.00	6.00	55.00
* Her Grace. Large white edged deep lilac rose. Can be forced from Jan. 1st. Height 18 inches	4.75	42.00	4.25	38.00
* Olga. Violet red, edged white. Can be forced from Dec. 5th. Height 16 inches	6.50	60.00	6.00	55.00
* Peerless Pink. Pure satiny pink. Can be forced from Feb. 1st. Height 18 in.	8.50	80.00	8.00	75.00
* Piquante. Carmine purple, strongly edged white, can be forced from Dec. 25th. Height 16 inches	5.50	50.00	5.00	45.00
* Rynsoever. Oval shaped Yellow. Force from Jan. 1st. Height 18 inches	5.00	45.00	4.50	40.00
* Shackelton. Pure white. Can be forced from Jan. 15th. Height 16 inches	5.00	45.00	4.50	40.00
* Van der Eerden. Rosy red, fiery red at edges. Can be forced from Jan. 15th. Height 16 inches	4.50	40.00	4.00	35.00
* White Sail. Creamy, passing to pure white. Can be forced from Dec. 25th. Height 18 inches	5.50	50.00	5.00	45.00
* Yellow Gem. Lemon yellow. Force from Jan. 1st. Height 18 inches	5.50	50.00	5.00	45.00

*Varieties recommended for forcing.

DARWIN HYBRID TULIPS

A New Race of Tulips, the results of crossings between Darwin Tulips and Fosteriana varieties. They produce enormous blooms, strong stems, vivid colors.

	Top Size Per 100	12 up Per 1000
APELDOORN. Orange scarlet, black base, edged yellow.	6.50	60.00
EMPIRE STATE. Huge orange, red, yellow base	7.50	70.00
DOVER. Fiery Poppy-red, very large	6.50	60.00
GENERAL EISENHOWER. Orange - red, very large.	6.50	60.00
GUDOSHNIK. Yellow, spotted red.	12.00	110.00
HOLLAND GLORIE. Huge orange-scarlet, black base.	6.50	60.00
OXFORD. Red, flushed purple red.	6.50	60.00
F. D. ROOSEVELT. Clear orange red, extra large.	6.50	60.00

COLLECTION—50 EACH 8 VARIETIES LISTED—(400 BULBS)
PER COLLECTION \$27.50

TRIUMPH TULIPS

	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
* Allround. Glowing scarlet. Can be forced from Jan. 20th. Height 16 in.	6.50	60.00	6.00	55.00
* Blenda. Dark rose, white base. Can be forced from Jan. 20th. Height 18 in.	6.50	60.00	6.00	55.00
* Aureola. Bright red, edged golden yellow. E'mus sport. Can be forced from Jan. 25th. Height 18 inches	5.50	50.00	5.00	45.00
* Blizzard. Large creamy white. Can be forced from Feb. 1st. Height 16 in.	12.50	120.00	11.50	110.00
* Bruno Walter. Deep chrome yellow, outside flushed purple. Can be forced from Jan. 15th. Height 16 inches	6.50	60.00	6.00	55.00
* Carl M. Bellman. Deep red edged yellow. Can be forced from Jan 10th. Height. 16 inches.	8.50	80.00	8.00	75.00
* Crater. Large rich crimson. Fine for pots and can be flowered for Valentine's Day. Can be forced from Jan. 10th. Height 16 inches	4.75	42.00	4.25	38.00



OXFORD



DENBOLA

TRIUMPH TULIPS

	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
* Denbola. Large. Deep red edged white. Can be forced from Jan. 10th. Height 16 inches	6.50	60.00	6.00	55.00
* Dreaming Maid. Violet, edged white. Can be forced from Jan. 10th. Height 18 inches	8.50	80.00	8.00	75.00
* Edith Eddy. Huge carmine-red, edged white. Can be forced from Jan. 15th. Height 18 inches	4.50	40.00	4.00	35.00
* Elizabeth Evers. Deep bright carmine rose white base. Can be forced from Feb. 1st. Height 15 inches ..	5.50	50.00	5.00	45.00
* Elmus. Large carmine red, edged white. Can be forced from Jan. 25th. Height 18 inches.	4.75	42.00	4.25	38.00
* Emmy Peeck. Lively lilac rose. Can be forced from Jan. 15th. Hgt. 22" ..	6.50	60.00	6.00	55.00
* Glory of Noordwijk. Large deep rose, white base. Can be forced from Jan. 20th. Height 18 inches.	5.50	50.00	5.00	45.00
* Golden Show. Large deep yellow. Can be forced from Feb. 1st. Height 16" ..	6.50	60.00	6.00	55.00
* Kansas. Medium size white. Can be forced from Jan. 20th. Height 16 in.	4.75	42.00	4.25	38.00
* Korneforus. Clear red, a fine flower of strong texture on tall strong stem: forces fairly early. One of the best. Height 22 inches	4.50	40.00	4.00	35.00
* Lustige Witwe. (Syn. Merry Widow). Glowing deep red, edged pure white. Can be forced from Jan. 20th. Height 18 inches	5.50	50.00	5.00	45.00
* Makassar. Dark canary-yellow. Can be forced from Jan. 20th. Height 16 inches	6.50	60.00	6.00	55.00
* Mirjoran. Carmine red, broadly edged white. Can be forced from Jan. 10th. Height 18 inches.	6.50	60.00	6.00	55.00
* Nivea. Large pure white. Can be forced from Jan. 20th. Height 18 inches.	6.50	60.00	6.00	55.00

*Varieties recommended for forcing.

TRIUMPH TULIPS

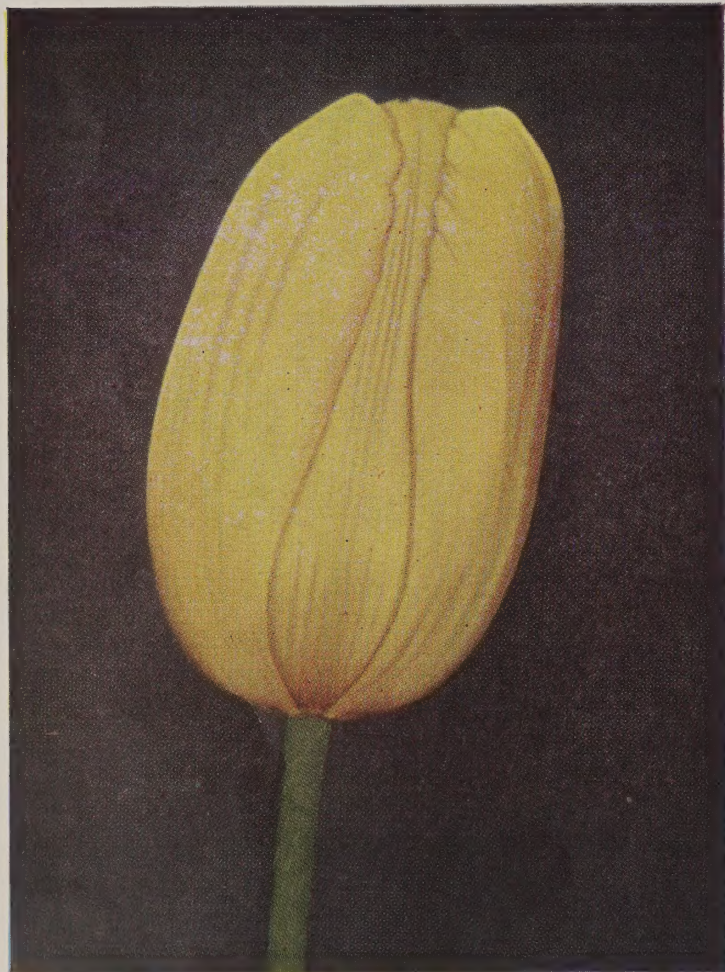
	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
* Olaf. Finest scarlet for pans. Can be forced from Dec. 15th. Height 14 in.	5.00	45.00	4.50	40.00
* Ornament. Yellow egg shaped. Can be forced from Jan. 20th. Height 16 in.	6.50	60.00	6.00	55.00
* Paris. Orange red, edged yellow. Fine for pans. Height 18 inches. Can be forced from Feb. 15th.	5.50	50.00	5.00	45.00
* Pax. Large pure white. Can be forced from Jan. 1st. Height 18 inches.	5.50	50.00	5.00	45.00
* Picadilly. Carmine red, edged pure white. Can be forced from Jan. 20th. Height 18 inches.	5.00	45.00	4.50	40.00
* Princess Beatrix. Scarlet edged yellow. Can be forced from Feb. 1st. Height 16 inches.	5.00	45.00	4.50	40.00
* Prominence. New Dark red. Can be forced from Feb. 1st. Height 16 inches.	8.00	70.00	6.50	60.00
* Red Giant. Large scarlet. Height 16 inches. Can be forced from Jan. 20th	6.50	60.00	6.00	55.00
* Reforma. Sulphury yellow, edged golden yellow. Can be forced from Jan. 20th. Height 18 inches	5.00	45.00	4.50	40.00
* Roland. Bright scarlet, edged ivory. Can be forced from Jan. 10th. Height 18 inches	5.50	50.00	5.00	45.00
* Rose Beauty. Deep pink changing to cherry-red, white base. Height 15 inches. Force from Feb. 1st.	5.00	45.00	4.50	40.00
* Topscore. Geranium red, yellow base. Can be forced from Jan. 10th. Height 12 inches.	7.50	70.00	6.50	60.00
* White House. Large pure white. Can be forced from Jan. 20th. Height 18 inches	6.50	60.00	6.00	55.00
* White Imperator. Pure white. Can be forced from Jan 20th. Height 18 in.	5.50	50.00	5.00	45.00
* Wisconsin. Deep rose, white center. Force from Jan. 15th. Hgt. 16"	5.50	50.00	5.00	45.00



RED GIANT

COTTAGE TULIPS

	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
* Albino. Pure white, fine form and substance. Height 14 inches	5.50	50.00	5.00	45.00
Belle Jaune. Large deep yellow. Height 24 inches	5.50	50.00	5.00	45.00
* Carrara. One of the finest of all white Tulips. Good forcer. Height 23 inches	5.00	45.00	4.50	40.00
Chappaqua. Oval shaped carmine rose, edged blue. Height 32 inches.	6.50	60.00	6.00	55.00
Dido. Orange red; slightly flushed cerise with amber-orange edges. Height 30 inches	5.50	50.00	5.00	45.00
* Golden Harvest. Lemon-yellow large flower. Height 28 inches	4.50	40.00	4.00	35.00
* Golden Measure. Golden yellow with tiny red edge. Can be forced from Feb. 15th. Height 25 inches.	4.75	42.00	4.25	38.00
G. W. Leak. Brilliant vermillion scarlet, creamy yellow base. Height 26 inches	5.50	50.00	5.00	45.00
Halcro. Carmine-red, base yellow edged green. Height 26 inches.	8.50	80.00	8.00	75.00
Marjorie Bowen. Large buff and salmon, shading to lilac rose, flushed salmon. Height 28 inches	4.75	42.00	4.25	38.00
Marshal Haig. Glittering scarlet, yellow base. Height 28 inches.	6.50	60.00	6.00	55.00
* Mother's Day (Lemon Queen). Lemon yellow, long flower, perfect shape. Can be forced from Jan. 20th. Height 24 inches	5.50	50.00	5.00	45.00



MRS. JOHN T. SCHEEPERS



ROSY WINGS

COTTAGE TULIPS

	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
Mrs. John T. Scheepers. An enormous flower of bright yellow color, oval shaped and of great substance. One of the largest and best of all yellow tulips. Height 26 inches	5.50	50.00	5.00	45.00
Mrs. Moon. Rich golden yellow, a large flower of good substance, with pointed reflexing petals. Height 25 inches	6.50	60.00	6.00	55.00
* Northern Queen. Large white edged pink. Height 26 inches	5.50	50.00	5.00	45.00
Princess Margaret Rose. Yellow artistically edged orange-red. Height 22 inches	4.50	40.00	4.00	35.00
Red Advance. New fine salmon red with lighter edge. Height 30 inches	5.00	45.00	4.50	40.00
Rosabella. Medium large. Pale rose with lighter edge. Height 24 inches	5.00	45.00	4.50	40.00
Rosy Wings. Pure radiant pink, white base. Height 24 inches	5.50	50.00	5.00	45.00
Smiling Queen. Rose Neyron red, edged silvery pink, white base. Height 30 inches	6.50	60.00	6.00	55.00
* Wall Street. Medium large. Lemon-yellow. Can be forced from Jan. 15th. Height 24 inches	4.50	40.00	4.00	35.00
* White City. Long oval pure white. Height 28 inches	5.50	50.00	5.00	45.00
Superfine Cottage Mixed	4.50	40.00	4.10	36.00

*Varieties recommended for forcing.



BLACK PARROT

PARROT TULIPS

	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
Black Parrot. Blackish purple. Hgt. 24"	5.00	45.00	4.50	40.00
Blue Parrot. Huge bluish heliotrope. Height 24 inches	5.00	45.00	4.50	40.00
*Doorman. Cherry red, edged golden yellow. Can be forced from Jan. 10th. Height 16 inches	5.50	50.00	5.00	45.00
Double Fantasy. Sport of Fantasy with double flowers. Hgt. 22"	6.50	60.00	6.00	55.00
Fantasy. Salmon-pink with green. Height 22 inches	4.75	42.00	4.25	38.00
Orange Favorite. Large orange, with green blotches and yellow base. Height 22 inches	5.00	45.00	4.50	40.00
Orange Parrot. Pure orange. Hgt. 24"	6.50	60.00	6.00	55.00
*Pitt's Parrot. Glowing scarlet. Can be forced from Jan. 5th. Hgt. 24" ..	4.75	42.00	4.25	38.00
*Red Champion. Large cochineal red, flushed scarlet. Height 24 inches. Force from Jan. 20th	5.50	50.00	5.00	45.00
Sunshine. Pure golden-yellow. Height 18 inches	5.50	50.00	5.00	45.00
Texas Gold. Deep yellow, narrow edge. Height 22 inches	5.00	45.00	4.50	40.00
Superfine Parrot Mixed	5.00	45.00	4.50	40.00

LILY FLOWERED TULIPS

Captain Fryatt. Medium size. Garnet- red. Height 24 inches	6.50	60.00	6.00	55.00
Golden Duchess. Medium large. Gol- den-yellow. Height 26 inches	7.00	65.00	6.50	60.00
Marcellina. Medium small carmine rose. Height 22 inches	5.00	45.00	4.50	40.00
Queen of Sheba. Bright chestnut red, edged gold. Height 27 inches.	7.00	65.00	6.50	60.00
White Triumphator. Large pure white, Height 22 inches	5.00	45.00	4.50	40.00

*Varieties recommended for forcing.

BREEDER TULIP

	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
Bacchus. Bright purple. Height 26 inches	5.50	50.00	5.00	45.00
Cherbourg. Golden yellow heavily shaded and margined bronze. Height 27 inches	6.50	60.00	6.00	55.00
Dillenburg. Bright salmon orange, with deep lilac rose flush on the outer petal. Height 28 inches	4.75	42.00	4.25	38.00
Dom Pedro. Medium large flower of morocco - red on cadmium - yellow ground. Height 24 inches	5.50	50.00	5.00	45.00
Georges Grappe. Large lavender mauve, blue base. Height 30 inches	5.50	50.00	5.00	45.00
Indian Chief. Very large reddish mahogany, slightly flushed violet. Height 32 inches	5.50	50.00	5.00	45.00
J. J. Bouwman. Large tomato red, flushed claret, edged yellow. Height 26 inches	5.50	50.00	5.00	45.00
Louis XIV. Purple flushed golden bronze, recommended. Height 26 inches	5.50	50.00	5.00	45.00
Orange Delight. Bronzy orange with deep orange shadings. Height 26 inches	5.50	50.00	5.00	45.00
Papago. Oval shaped Poppy Red. Height 30 inches.....	5.50	50.00	5.00	45.00
President Hoover. Orange scarlet. Height 26 inches	5.50	50.00	5.00	45.00
Tantalus. Large dull yellow, flushed pale purple and lilac. Height 30 inches	5.50	50.00	5.00	45.00
Superfine Breeder Mixed	4.75	42.00	4.25	38.00



FANTASY

SINGLE EARLY TULIPS

	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
* Bellona. Pure golden yellow. Good forcer. Force from Jan. 10th. Height 14 inches	6.50	60.00	6.00	55.00
* Coleur Cardinal. Rich deep crimson scarlet. Late forcer. Excellent for pots. Height 12 inches	6.50	60.00	6.00	55.00
* Crown Imperial. Rose tipped yellow. Very early forcer. Excellent for pots. Can be forced from Jan. 1st. Height 16 inches	6.50	60.00	6.00	55.00
* General De Wet. Orange shaded orange-scarlet. Sweet scented. Hgt. 14 inches	6.50	60.00	6.00	55.00
* Ibis. Large deep rose. Can be forced from Jan. 1st. Height 12 inches	5.50	50.00	5.00	45.00
* Keizerskroon. Bright crimson scarlet with broad golden yellow border. Medium late forcer. Fine bedder. Height 16 inches	7.00	65.00	6.50	60.00
Pink Beauty. Deep Rose with broad stripe of white on center of petals. Height 13 inches	6.50	60.00	6.00	55.00
Prince Carnaval. Artistic combination of red and yellow. Height 13 inches	6.50	60.00	5.50	50.00
* Rising Sun. Golden yellow; medium sized oval flower of great substance on stout stem. Good for forcing. Height 16 inches	6.50	60.00	5.50	50.00
* Sunburst. Large flowered yellow flushed red. Can be forced from Feb. 1st. Height 12 inches	6.50	60.00	6.00	55.00
* Ursa Minor. Large golden yellow. Can be forced from Jan. 15th. Height 13 inches	6.00	55.00	5.50	50.00
White Beauty. Very large pure white, well formed flower on very strong stem. Height 12 inches	6.50	60.00	6.00	55.00
* Wintergold. Egg-shaped, deep lemon yellow. Can be forced from Jan. 1st. Height 18 inches	6.50	60.00	6.00	55.00



LOUIS XIV (See page 7)

DOUBLE EARLY TULIPS

	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
* Bonanza. Carmine red, edged yellow. Can be forced from Jan. 15th. Height 16 inches	6.50	60.00	6.00	55.00
* Electra. Bright cerise carmine, a glistening color. Large, very double flower. Height 12 inches	8.00	75.00	7.50	70.00
* Marechal Niel. Yellow flushed orange. Can be forced from Jan. 15th. Height 10 inches	8.00	75.00	7.50	70.00
* Mr. Van Der Hoeft. Fine deep canary yellow, bedder and forcer. Height 11 inches	8.00	75.00	7.50	70.00
* Murillo Maximus. White flushed pink, taller and earlier than Murillo. Can be forced from Dec. 15th. Height 12 inches	8.00	75.00	7.50	70.00
* Orange Nassau. Bright orange scarlet heavily suffused orange. Hgt. 11 in.	8.00	75.00	7.50	70.00
* Peach Blossom. Silvery pink on white ground flushed carmine rose. Fine bedder and forcer. Hgt. 12 in.	8.00	75.00	7.50	70.00
* Schoonoord. Pure white, large flower; ideal bedder and forcer. Hgt. 12 in.	8.00	75.00	7.50	70.00
* Triumphator. Very bright satin rose, of good form, paler at edges, very fine. Height 10 inches	8.00	75.00	7.50	70.00
* Vuurbaak. Bright scarlet with orange flush, very large full flower on strong stem. Grand for bedding and a good forcer. Hgt. 12 in.	8.00	75.00	7.50	70.00
* Willemsoord. Carmine edged white. Sport of Murillo. Can be forced from Jan. 15th	8.00	75.00	7.50	70.00
* Wilhelm Kordes. Bright orange flushed red. Can be forced from Jan. 15th. Height 12 inches	8.00	75.00	7.50	70.00



KEIZERSKROON

*Varieties recommended for forcing.

DOUBLE LATE OR PEONY FLOWERED

	Top size- Per 100	12 up Per 1000	1st size- Per 100	11/12 Per 1000
Clara Carter. Large Purple with White base. Height 18 inches.	6.50	60.00	6.00	55.00
Coxa. Carmine red edged vermillion with small white border. Extra large flower. Height 22 inches	6.50	60.00	6.00	55.00
Eros. Old rose. Huge double flower Height 22 inches	6.50	60.00	6.00	55.00
*Livingstone. Cochineal red. Height 18 inches. Can be forced from Feb. 1st.	6.50	60.00	6.00	55.00
Mount Tacoma. Large double pure white Tulip with yellow base. Height 24 inches	6.50	60.00	6.00	55.00
Nizza. Sulphur, streaked with bright red. Height 22 inches	6.50	60.00	6.00	55.00
Orange Triumph. Orange-red flushed brown, narrow yellow edge. Height 22 inches	6.50	60.00	6.00	55.00
Rockett. Cherry red Eros sport. Height 22 inches	6.50	60.00	6.00	55.00
Royal Yellow. Deep golden yellow. Height 22 inches	6.50	60.00	6.00	55.00
Uncle Tom. Glossy dark maroon red. Large double flower. Height 22 inches	6.50	60.00	6.00	55.00

TULIP SPECIES

	Top Size Per 100	Per 1000
Clusiana. (The Lady Tulip). Outer petals cherry-red, inner petals white, with violet centre. Excellent for pots. Height 8 inches	6.50	60.00
White Emperor. Large pure white. Same as world famous "RED EMPEROR" except in color. Height 20 inches	16.00	150.00
Fosteriana Red Emperor (Madame Lefebvre). Enormous fiery scarlet with yellow bordered large black base. Height 20 inches	Top—12up 1st—11/12 8.00 7.50	75.00 70.00
Kaufmanniana. Yellowish white, outside tinted carmine. Height 6 inches	6.50	60.00
Praestens Fusilier. Vermillion-orange, 2-4 flowers to a stalk. Can be forced in moderate temperature from Feb. 1st.	12.50	120.00

NARCISSUS (Polyanthus Type)

	Per 100	Per 1000
CHINESE SACRED LILY 14/15 cm.....	8.00	75.00
15/16 cm.....	9.00	85.00
16/17 cm.....	10.00	95.00
GRAND SOLEIL D'OR (FRENCH GROWN) 14/15 cm.....	13.00	120.00
15/16 cm.....	15.00	140.00
16/17 cm.....	16.00	150.00

PAPERWHITE GRANDIFLORA

The **Original True Grandiflora** Strain imported from abroad. Large pure white sweetly scented blooms, borne in a cluster on strong stems, carried well above the deep green foliage.

	Italian Grown		French Grown	
	Per 100	Per 1000	Per 100	Per 1000
13/14 cm. (1250 per case).....	6.00	55.00	7.00	60.00
14/15 cm. (1000 per case).....	7.50	65.00	8.00	75.00
15/16 cm. (800 per case).....	8.00	70.00	9.50	85.00
16/17 cm. (650 per case).....	8.50	75.00	10.00	95.00

*Varieties recommended for forcing.

TULIPS FOR FORCING

1. Planting

a. Cut flowers — Fill flats (4 inches depth) with soil and press bulbs into the soil. **OR,** you can put in 2 inches of soil, then the bulbs, and then fill flat with soil. Space them with the bulbs barely touching.

b. Potted Plants — Pot bulbs of 11-12 cm. or larger with 6 to 8 bulbs in a 6 inch pan, 8 to 9 bulbs in a 7 inch pan, or 11 to 12 bulbs in a 8 inch pan. Place flat side of bulbs to outside of the pot, causing the first leaf to cover the side of the pot. Loose soil is generally put in the pans, and the bulbs are pressed down until the nose of the bulb is barely visible.

2. Storage Temperature — Storage at 48-50° is recommended. If you can't plant right away, hold the bulbs at 45°F. Pre-cooled bulbs lose the value of pre-cooling if buried out of doors in a warm fall.

3. Time of forcing — Pre-cooled bulbs have been given special cold treatment and can be forced for cut flowers a couple weeks earlier than regular bulbs. The date of earliest forcing of regular bulbs is given under the variety listing assuming the bulbs have been planted when received and stored at 48-50°F.

For the Darwin type, figure about 5 - 6 weeks to flower bulbs brought out of the 48-50°F. storage in December; 4 - 5 weeks in January; 3 - 4 weeks for bulbs brought out in February and early March; and 3 weeks for bulbs forced in late March and early April. Triumphs ordinarily take a week less.

The stage of development when removed from storage influences the time required for flowering. Usually sprouts are just showing when forcing is started. Most bulbs are forced in greenhouses. Research has shown that good flowers can be produced under standard white fluorescent lights in a room or basement.

4. Light — Some Triumph tulips have been forced in two weeks using three hours of supplementary artificial light in the greenhouse every night.

5. Shading — For early forcing, covering plants for the first week will lengthen the stems. A light shade of cloth (paper is sometimes used) for a few days prevents "burning" of the stems by intense sun.

6. Temperature for forcing — Start plants at 55°F night temperature for about a week, and then move them to 60°. If only one temperature is available, use 60°.

Higher night temperatures, especially in cloudy weather, cause tall, weak stemmed, undesirable plants. Keep day temperatures 8 to 15 degrees higher depending on weather.

Some growers start the bulbs under benches in a 60° greenhouse, because at the ground level the temperature will be about 55° (unless there are heat pipes under the benches.) Then a week or so later, the flats and pots are put on the bench where the temperature will be 60°. This is a space saving procedure.

7. Disease control — To prevent botrytis disease ("fire"), spray foliage with Ferbam or Captan (1 lb. to 100 gallons of water) when leaves are 2 to 3 inches tall, and repeat every 5 to 7 days. Keep foliage and flowers dry. Prevent high humidity in greenhouse.

8. Cutting flowers — Cut when ready to open. Flowers keep best at 32-35°F. Stems elongate in storage at higher temperatures..

PAPER WHITES

1. Avoid cold storage. For late forcing, plant and keep at 50-55°F.
2. Bulbs in soil or pebbles and grown at 55-65° flower in about 6 weeks in winter and 3 weeks in spring.



HYACINTH DELFTS BLUE

HYACINTHS WHITE

- ***Carnegie.** Pure white, large compact truss on short stem.
- ***Edelweiss.** Pure white, broad truss, large bells.
- ***L'Innocence.** Pure white, most popular of all whites.

RED, PINK AND ROSE SHADES

- ***Anne Marie.** Delicate pink, strong stem, large bells.
- ***Gertrude.** Rich rose, with deeper stripe down center of petal.
- ***Jan. Bos.** Deep scarlet, lighter centered bells, early forcer.
- ***Lady Derby.** Light rose-pink, fine large spike.
- ***La Victoire.** Bright deep rosy crimson; close truss; fine form.
- ***Marconi.** Cerise pink dense bold spike, good form.
- ***Pink Pearl.** Rose pink, heavy spike, large bells, early forcer.
- ***Princess Margaret.** Delicate pink, long spike.
- ***Queen of the Pinks.** Bright cerise pink. Fine compact spike, good form.

BLUE AND LAVENDER SHADES

- ***Bismark.** Light sky-blue, very large truss. Excellent for early forcing.
- ***Delft's Blue.** Bright porcelain blue, compact spike.
- ***Dr. Lieber.** Dark porcelain-blue with lilac tinge.
- ***Dr. Stresemann.** Sky blue, broad well shaped truss.
- ***Grand Maître.** Vivid mid-blue, good spike, very attractive.
- ***King of the Blues.** Bright blue, fine spike, good form.
- ***Myosotis.** Medium light - lavender blue.
- ***Perle Brilliant.** Light blue, large well formed truss.
- ***Queen of the Blues.** Cambridge blue, long truss, large bell.

YELLOW

- ***City of Haarlem.** Bright yellow; fine large truss; suitable for bedding and forcing.

PRICES ON ALL VARIETIES

	Per 100	Per 1000
19 up (Top Size).....	16.50	155.00
18/19 (1st size)	14.50	135.00
17/18 (2nd size)	12.50	115.00
16/17 (3rd size)	11.00	100.00
15/16 (Bedding size)	9.75	87.00
14/15 (Miniature)	8.50	75.00

*Varieties recommended for forcing.

HYACINTHS

1. Planting — Use one bulb per 4 inch pot or 3 bulbs per 6 inch pot with top of bulb just above the surface of the soil.

2. Forcing — For February and early March flowering, potted bulbs are stored at 54-55°F. until the "nose" is 1 1/2 inches high, and then forced at 65-70°F. until color shows, and then reduced to 50-55° for improvement of keeping quality.

For late March and April, the potted bulbs can be held in a 50° storage until a week or two before Easter. Protect from bright sun right after storage.

3. "Loose-bud" — This trouble, sometimes called "toppling" or "spitting", is a tumbling out of the flower head of the hyacinth shortly before flowering time. Dutch research indicates several possible causes of the trouble, especially too early root development; and suggests storing bulbs at 78°F until planting time, planting late (after October 15) and not too deeply, and providing good drainage in the location where the potted bulbs are stored.

PREPARED HYACINTHS FOR CHRISTMAS

Especially treated for early flowering.

Pot immediately on arrival. Keep cool and dark for ten days. Bring into greenhouse at 55 degrees. After two days, raise temperature to 75. When sprout is four inches long, place in part shade in the greenhouse.

In warmer areas DO NOT bring into greenhouse until mid-December. BULBS MUST BE WELL ROOTED BEFORE FORCING.

FRENCH ROMAN HYACINTHS

"Romans" are invaluable for early pot and bowl work. Can easily be brought in flower for Christmas and later.



Per
100 Per
1000

*WHITE

15/16 cm.		
(scarce)	17.50	165.00
14/15 cm.	15.00	138.00
13/14 cm.	12.00	110.00
12/13 cm.	8.50	75.00

*BLUE

14/15 cm.	8.50	75.00
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*PINK

12/13 cm.	10.50	95.00
13 cm up	12.50	110.00



MUSIC HALL (TRUMPET)

NARCISSUS (DAFFODILS)

BLUE DIAMOND BRAND—YOUR GUARANTEE OF QUALITY

YELLOW TRUMPET

Double Nosed No. 1
Per 100 Fer 1000

- ***Flower Carpet.** Large deep golden yellow trumpet and perianth. Bloom is larger than King Alfred. Early forcer 13.50 125.00
- ***Golden Harvest.** Very large deep golden-yellow flower. Earlier than King Alfred. Can be forced from Dec. 20th 14.00 130.00
- ***Governor.** Very large golden yellow, as large as Unsurpassable, better keeper, as productive as King Alfred Can be forced after Jan. 15th 13.50 125.00
- ***Grandest.** Extra large golden yellow. Can be forced after Jan. 20th. Fine for pans and late cutting 16.00 150.00
- ***King Albert.** Large deep golden yellow of good substance. Can be forced after Jan. 15th. 13.50 125.00

The most outstanding florists variety well suited for all purposes. Well known for its forcing qualities—beautiful deep golden yellow, very substantial with long strong stem. Blooms in 4 weeks from Dec. 25th.

KING ALFRED — American Grown

	Per 100	Per 1000
Jumbo	12.50	115.00
D.N. No. 1	10.00	90.00
D.N. No. 2	8.00	75.00

KING ALFRED — Dutch Grown

	Per 100	Per 1000
D.N. No. 1	10.50	95.00
D.N. No. 2	9.00	80.00

- ***Rembrandt.** Golden-yellow. Medium early. Can be forced after January 15th 12.50 115.00
- ***The First.** Cream perianth, golden trumpet. Very large. Should be forced to bloom from Dec. 15th to Jan. 15th only. The first lot intended for Christmas should be placed in the forcing house Nov. 28th 10.00 90.00
- ***Unsurpassable.** Huge golden-yellow flower. Can be forced after Jan. 15th 14.00 130.00
- ***William the Silent.** Enormous golden yellow. Can be forced after Jan. 20th 13.50 125.00

*American Grown.



MOUNT HOOD (TRUMPET)

BI-COLOR TRUMPET

Double Nosed No. 1
Per 100 Per 1000

- ***Music Hall.** Medium early. Perianth white, trumpet yellow. Can be forced after Jan. 15th 12.50 115.00
- ***President Lebrun.** Pure white perianth, with lemon yellow trumpet passing to creamy-white. Large well formed flower. Can be forced after Jan. 20th 12.50 115.00
- ***Queen of Bicolors.** Perianth pure white, trumpet canary yellow. Medium early. Can be forced after Jan. 15th 12.50 115.00
- ***Spring Glory.** White perianth, long golden trumpet. Blooms in four weeks from Jan. 15th 12.50 115.00
- ***World's Favorite.** Early, pure white, soft yellow trumpet, good form and substance. Can be forced after January 15th. 13.50 125.00

WHITE TRUMPET

- ***Beersheba.** Large pure white trumpet and perianth Extra fine form and good substance. Can be forced after Jan. 25th 12.50 115.00
- ***Imperator.** Large creamy-white trumpet. Medium late. Can be forced after Jan. 15th 11.00 100.00
- ***Mrs. E. H. Krelage.** Finest white Daffodil. Blooms in four weeks from Jan. 15th 11.00 100.00
- ***Mount Hood.** Large pure ivory-white perianth, creamy white trumpet 12.50 115.00

TRIANDRUS HYBRIDS

- ***Stoke.** Lovely pale yellow N. Triandrus Hybrid, best described as a sulphur yellow Thalia. Readily naturalizes. 13.00 125.00
- ***Thalia.** Two or three lovely pure white flowers per stem. 2 inches or more across, making a beautiful cluster. Very suitable for the rock garden or forcing 12.00 110.00



SEMPER AVANTI (LARGE CUP)



MRS. R. O. BACKHOUSE (LARGE CUP)

LARGE CUPPED VARIETIES

	Double Nosed No. 1	
	Per 100	Per 1000
* Carbineer. Buttercup yellow perianth, bright orange-red cup.	10.00	90.00
* Carlton. Clear soft yellow perianth and trumpet, broad and overlapping large expanding trumpet, frilled at mouth. An impressive flower and long lasting	10.00	90.00
Clamor. Medium size. Perianth white, cup yellow-orange-red edge. Can be forced after Jan. 10th.	10.00	90.00
Daisy Schaefer. Large white perianth, lemon yellow cup. Medium late. Can be forced after Jan. 15th.	10.00	90.00
* Dick Wellband. Perianth pure white, cup bright orange-red. Can be forced after Jan. 20th	10.00	90.00
Flower Record. Long pointed white perianth, wide open golden-yellow crown edged bright red. Long stemmed. Can be forced after Jan. 10th.	10.00	90.00
* Fortune. Perianth deep yellow, trumpet shaped orange cup. Early. Can be forced after Jan 20th	10.00	90.00
Gertie Miller. Pure white perianth, large creamy white cup. Late	10.00	90.00
* John Evelyn. Pure white perianth, wide frilled cup of soft, orange - yellow	10.00	90.00
Monique. Perianth white, cup golden yellow edged orange. Medium early. Can be forced after Jan 15th	10.00	90.00
* Mrs. R. O. Backhouse. Perianth, creamy-white, small trumpet-shaped cup of pale apricot passing to pink. Can be forced after Jan. 25th	10.00	90.00
* Orange Glow. Large flower. Perianth yellow with pale-orange cup. Can be forced after Jan. 20th	10.00	90.00

JONQUILLA HYBRIDS

Golden Sceptre. Deep gold flowers of great substance. Star-shaped perianth, free flowering	8.50	75.00
* Trevithian. Blooms with several soft yellow flowers on a stiff stem. Sweetly scented.	9.00	80.00

LARGE CUPPED VARIETIES (Contd.)

	Double Nosed No. 1	
	Per 100	Per 1000
* Scarlet Elegance. Perianth deep-yellow, cup orange-red. Free flowering. Can be forced after Jan. 20th	10.00	90.00
Semper Avanti. Perianth creamy-white. Large bright orange cup. Very free flowering. Can be forced after Jan. 15th	10.00	90.00
Solario. Perianth pure white, large canary yellow cup. Can be forced from Jan. 15th	10.00	90.00
* Tunis. Broad, pointed creamy white perianth slightly recurving, with widely expanded sulphur-yellow cup, edged amber, deepening with age. Can be forced after Jan. 20th	10.00	90.00

SHORT CUPPED VARIETIES

Bath's Flame. Large yellow petals, shading into a brilliant red fringed cup. Blooms in four weeks from Dec. 15th	9.50	85.00
* Diana Kasner. Pure white perianth, large yellow cup, frilled; blood red; very free flowering. Excellent forcer	9.50	85.00
* Edward Buxton. Light yellow perianth, deep orange cup. Can be forced from Jan. 10th	9.50	85.00
Firetail. Ivory white perianth, blood red cup. Medium late	9.50	85.00
Goveley. Very round, overlapping, smooth waxy pure white perianth, large golden yellow cup with intense red edge, very free flowering	9.50	85.00
La Riente. Perianth white, cup deep red. Can be forced from Jan. 15th	9.50	85.00
Mrs. Barclay. Very showy variety with broad overlapping white perianth and large flat apricot-orange crown, broadly banded deep orange-red. A perfect show flower	9.50	85.00
* Verger. Pure white perianth, deep red cup. Can be forced from Jan. 25th	9.50	85.00

*American Grown.

NARCISSUS FOR FORCING

The two main types for forcing are the daffodils, and paper whites.

DAFFODILS

1. Planting — Use flats 4 inches deep, or "azalea" pots. Fill 2/3 full with soil, set bulbs close together, and then add more soil. Soak the soil.

2. Storage — A minimum of 10 weeks at 45-50°F is needed. Do not force daffodils unless the flower bud is up in the neck of the bulb.

3. Time of forcing

a. For Christmas and early January — plant precooled bulbs immediately when received and store at 48-50°F until forced in a 60°F greenhouse. Figure 4 to 5 weeks for flowering. Do not expose pre-cooled bulbs to warm temperatures before planting.

b. For plantings to be flowered after January 15, pre-cooled bulbs are not needed if you plant the regular bulbs and store at least 10 weeks at 45-50°. Then put in 60° greenhouse. Figure 3 to 4 weeks for flowering in latter January and early February. A 55° temperature requires a little longer than 60°.

March flowering requires 2½ to 3 weeks in a 60° greenhouse, and late March and April crops often require only 2 to 2½ weeks.

Give pot plants full sunlight. For cut flowers, shade the plants for several days when first brought into greenhouse, then full sunlight.

If buds are not up in the neck of the bulb, grow at 50° until the buds are out of the bulbs and then force at 55 to 60°F.

4. Cutting flowers — A sticky juice or sap drips from the cut ends of the daffodils. **Beware.** This sap falling on some plants "burns" the leaves.

Narcissus for the Garden

For that beautiful, natural, "woody" effect, — throw handfuls of SSS #1. Mixed for Naturalizing into the area to be planted. Bury the bulbs where they land, 6 inches below the surface. Various varieties in the mixture bloom at different times, giving a longer blooming period over all.

*MIXTURE

	Per 100	Per 1000
"SSS" Blue Diamond Mixed. Contains many varieties of all types especially blended for naturalizing	7.00	60.00

DOUBLE

	Double Per 100	Nosed Per 1000	No. 1 Per 1000
Cheerfulness. Double white Poetaz, good stem, a fine show variety	8.00		70.00
Inglescombe. One of the finest of all double Daffodils. Bright sulphur yellow, uniform in color throughout; flowers of perfect form, very large, on stiff erect stems	9.00		80.00
*Mary Copeland. Pure white perianth with intense bright scarlet center	11.00		100.00
*Texas. Huge double flower. Outer and inside petals bright yellow, bright orange center. Can be forced after Jan. 20th	9.00		80.00
*Twink. Petals alternating, soft primrose and clear orange. Forces easily, free flowering and hardy	9.00		80.00
Van Sion. Golden yellow. Fine for pans. Blooms in four weeks from Jan. 1st.	9.00		80.00
Yellow Cheerfulness. Double soft Yellow Poetaz. Sport of Cheerfulness	9.50		85.00

POETAZ

	Double Per 100	Nosed Per 1000	No. 1 Per 1000
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*Cheerfulness. See Double Narcissus for description	8.00		70.00
*Cragford. Cream-white perianth, dark orange cup. Can be forced from Dec. 10th	11.00		100.00
Early Perfection. The earliest of all Poetaz. Six to eight flowers per stem. Can be forced to bloom in early January. Pure white perianth, clear, white cup	8.00		70.00
Geranium. Large pure white perianth, cup deep orange red. Medium late. Can be forced after Feb 1st	8.00		70.00
Laurens Koster. White perianth, orange cup. Free flowering. Blooms in two weeks from Jan. 15th.....	8.00		70.00
L'Innocence. Large flowered pure white wavy perianth, large bright canary yellow cup; averaging 5 flowers on a stem; one of the best whites	8.00		70.00
La Fiancee. Medium large. Perianth white, light orange cup. Medium early. Can be forced after Jan. 1st	8.00		70.00
*Scarlet Gem. Deep golden yellow perianth brilliant red cup. Medium late. Can be forced after Jan. 15th	9.00		80.00
St. Agnes. Creamy white perianth, bright orange cup. Medium early. Can be forced after Jan. 10th	8.00		70.00
Yellow Cheerfulness. See Double Narcissus for description.	9.50		85.00

POETICUS

*Actea. Large, flat, overlapping pure white perianth, with yellow eye, broadly margined scarlet. A most beautiful exhibition flower and the largest and best Poeticus	8.50		75.00
*Recurvus. White perianth with reflexing red eye. Late flowering.	8.50		75.00



TEXAS (DOUBLE)

*American Grown.

HANDLING EASTER LILIES

1. Soil — Maximum Root growth requires good soil structure and good drainage. A mixture of equal parts of soil, peat moss, and sand drains well. Use $\frac{1}{2}$ - $\frac{3}{4}$ inch of broken crock or clean gravel in the bottom of the pot.

Much root rot in Lilies has been traced to unclean benches where Poinsettias had been or to old unclean pots broken up for drainage.

Use a soil of medium nutrient level with pH 6.5 to 7.0 If too low, add ground limestone. "Sterilize" soil to eliminate weeds and disease, and sterilize gravel and/or cinders on which the pots are to be placed on the bench.

2. Treating bulbs — Results of research with various bulb and soil treatments have varied greatly. Growers wishing to treat lily bulbs should soak the bulbs for 30 minutes in a suspension of 25 ounces of Terraclor and 25 ounces of Fermate in 50 gallons of water.

3. Potting — Pot the bulbs deep enough that top of bulb is $\frac{1}{2}$ -2 inches below soil surface. This stimulates stem roots which develop larger flowers and also support the plant. Use $\frac{5}{2}$ " pots for 7-8 and 8-9 inch bulbs and 6 inch pots for 9-10 and larger bulbs.

4. Time of Potting — The schedule given above assumes you are potting SSS bulbs which are properly pre-cooled. Pre-cooling of bulbs "breaks" dormancy giving quicker and more uniform growth. Plant bulbs immediately upon arrival or store at 32-40°.

5. Sorting plants — Since lily plants do not all grow at the same rate, and temperatures vary from place to place in a greenhouse, sort the plants putting slower ones in a warmer location to speed them up and faster plants in cooler locations. Sort plants in mid-January, and again in late February.

6. Moisture — Keep the soil moist for good root action. Lilies form flower buds when shoots are 2 to 3 inches tall. Later the plants can be run slightly dry to help decrease height **but don't overdo it.**

7. Fertilizer — Growers having good results should follow their regular practices.

Research has shown that the most important nutrient is nitrogen. When plants are 3-4 inches tall, start fertilizing every 14-18 days giving the soil a good watering with a fertilizer solution of sodium or calcium nitrate (1 pound per 40 gallons of water).

If the pH rises to 7.4, use an application or two of ammonium sulphate. Some growers with an initial soil pH of 6.5-7.0 use a neutral mixture of 12 ounces of nitrate of soda and 3 ounces of ammonium sulphate per 40 gallons, since this mixture causes very little change in pH.

Continue fertilizer applications until flower buds are 2 inches long to prevent leaf scorch in late stages of growth.

Growers who want to use a complete fertilizer should use the Easter lily or Nitrogen special (page 64).

8. Temperature — Sixty degrees at night and 70-75° in daytime are standard. Growth is faster as temperature is raised, but forcing at higher than 60° night temperature tends to stretch plants and blast buds.

Don't rush to have plants in bloom too early; growth will be rapid in the clear warm days.

9. Storage of flowering plants — Just as the first flower is ready to crack at the tip, plants can be stored in a 38-40° refrigerated room for 10-14 days without light. The first flower will be in full bloom one day after removal from refrigerator. Keep soil moist. **Be sure temperature is 38-40°.**

10. Lights — Lights speed up growth, only if greenhouse temperatures are below 65°. Extra heat to speed up growth is preferred to lights which cause excessive stretching.



Selected

S.S.S. FIELDS LIKE THIS



LILIUM ACE

Similar to CROFT with luxuriant darker green foliage. Very strong grower and prolific bloomer.

7/8"	250 per case	Prices
8/9"	200 per case	on
9/10"	150 per case	Application

LILIUM CROFT

Special Selected Strain grown in Oregon. Unquestionably the finest Lily for Pots.

7/8"	250 per case	Prices
8/9"	200 per case	on
9/10"	150 per case	Application
10" up	100 per case	

LILIUM ERABU (True Strain)

		Per Case
Early flowering Longiflorum Lily from Japan.		
6/8"	400 per case	42.00
7/9"	300 per case	40.00
8/10"	225 per case	40.00
9/10"	200 per case	40.00
10/11"	150 per case	40.00
11/13"	120 per case	40.00
9/10"	100 per case (Baby Case)	25.00

LILIUM GEORGIA BELLE

Heavy textured pure white trumpet. Strong grower, very free flowering Will produce many blooms from a small sized bulb.

		Per Case
6 1/2/7"	300 per case	65.00
7/8"	250 per case	65.00
8/9"	200 per case	70.00
9/10"	150 per case	70.00
8/9"	100 per case	40.00

BEWARE — Bargain Lilies

Several growers reported extremely poor results with bargain lots of Easter lilies during the past forcing season. Although the bulbs were received and planted in time to make Easter, the growth of the plants was extremely slow and few if any of the plants flowered in time for the Easter holiday. Forcing with high temperatures did not bring the plants in on time.

After sprouting, the shoots assumed a rosette habit of growth and failed to elongate properly. Many of the plants did not grow taller than 6-8 inches. It was the opinion of the research and extension personnel who examined the plants that these bargain bulbs had not been pre-cooled properly. The habit of growth and the delay in flowering were similar to the growth of un-cooled bulbs.

Purchase your Easter bulbs from a reliable distributor — one who does a careful job of pre-cooling the bulbs, shipping them to you promptly, and one who stands behind his product.

(Pennsylvania Flower Growers Bulletin June 1959)

Lily Bulbs



PRODUCES CROPS LIKE THIS



LILIUM FLORIDII CERTIFIED

A very fine selected strain of Floridii. Especially for early cutting.

		Per Case
7/8"	250 per case.....	65.00
8/9"	200 per case.....	70.00
9/10"	150 per case.....	70.00

LILIUM GIGANTEUM — from Japan (New Strain)

Finest white trumpet lily for forcing. Especially suited for late flowering out of cold storage.

		Per Case
6/8"	400 per case.....	45.00
7/9"	300 per case.....	45.00
8/9"	250 per case.....	48.00
8/10"	225 per case.....	48.00
9/10"	200 per case.....	48.00

LILIUM LONGIFLORUM "ESTATE LILY"

Vigorous grower sending up strong stems which carry 4 to 8 immense pure white trumpet lilies. Flowers are long lasting much more so than the other Longiflorum types.

		Prices
7/8"	250 per case.....	on
8/9"	200 per case.....	Application
9/10"	150 per case.....	
10" up	100 per case.....	

NEW "SSS" LONGIFLORUM SUPREME

Very strong Virus free early blooming variety. Heavy textured pure white trumpet, very free flowering.

		Per Case
6/8"	400 per case.....	55.00
7/9"	100 per case (Baby Case).....	22.50
7/9"	300 per case.....	55.00
8/10"	225 per case.....	55.00
9/10"	100 per case (Baby Case).....	30.00
9/10"	200 per case.....	55.00

Cleanliness and health of bulbs comes first with SSS & Co. Ruthless rogueing is done in the fields to insure true type and uniform growth. Harvesting bulbs is done only when they are properly ripened. Delivered with roots to assure a better start. Properly pre-cooled to facilitate timing.

**History has proven that SSS gives
top value for your \$\$\$.**

HANDLING EASTER LILIES (Continued)

11. Leaf Scorch — Tip burn of leaves can be caused by nicotine fumigation or spray, or by nutritional unbalance. The exact nutritional cause is not known; the p H of the soil should be 6.5 to 7.0, and nitrogen fertilizer supplied regularly. Avoid fertilizers with a high phosphorus ratio. Use a 1-1-1 ratio such as 20-20-20 or high nitrogen fertilizer such as a 16-4-12 complete soluble fertilizer.

Fertilizer programs vary with the composition of the potting soil and growers practices. Growers should continue fertilizer practices which have given good results.

12. Bud count — Large bulbs tend to have a higher bud count than small bulbs. Handle bulbs carefully; removal of bulb scales reduces bud count.

Bud count is seriously affected by light intensity. Space plants so leaves barely touch. Avoid houses with dirty glass or shaded by buildings.

13. Height — Adequate spacing on the bench in clear houses helps prevent stretching. Running plants on the dry side helps shorten lilies **but don't overdo it**, especially before the plants are 6 inches tall. This is when flower buds are forming.

Fertilizing does **not** stretch lilies. Research has shown fertilized lilies to be shorter than unfertilized plants.

High temperatures stretch lilies. Give more time and use recommended temperatures to prevent stretching.

14. Loss of lower foliage — Due to lack of light because of crowding, running the soil too dry, and lack of sufficient nitrogen.

15. Splitting — An infestation of aphids, especially when buds are very small, is sure to cause splitting.

16. Blasted buds — Plants held in a cold greenhouse may have blasted buds if the sun hits them in the morning while the soil is cold. Give a light shade or water with warm water early in the morning. General poor growing conditions such as inadequate light, root injury by excess fertilizer, improper watering and disease, or poor root growth may all cause blasting.

17. Care of plants — Removal of anthers before pollen is shed gives a clear white lily; check over the plants each day. Wrap carefully for shipping to avoid bruising the large trumpets. The consumer wants a perfect, not a battered, plant. If necessary to clean blooms, remove pollen with DRY cotton.

LILIES FOR CUT FLOWERS

Grow cut flower lilies about the same as pot plants. Plant in 4 inch or deeper flats, or directly in a bench at a 4 by 5 inch spacing. Since the production schedule is spaced throughout the season, make new plantings at 2 week intervals. Since bulbs are held in a 32-34° storage, frequent deliveries are more practical than your holding them. Let SSS store the bulbs for you.

Varieties — Various types such as the new SSS longiflorum Supreme, Estate Lily, Floridii, Georgia Belle, Erabu and Giganteum all are good cut flower lilies, and react similar to regular Easter lilies, except that plants are usually taller.

Other types — Speciosum types and auratum lily bulbs are planted in November and grown at 60° with flowering for an April Easter. December plantings flower in May and June. Successive planting through August will give successive crops of cut flowers.



Splitting of lily flowers — caused by aphids when buds were small.

SATISFIED CUSTOMERS REPORT:

1945 For 23 years you have had a standing order for our supply of Lily bulbs. We have had excellent results all these years and have no desire to change, so duplicate the order as usual. Let me say that last Easter a great many Lilies ran tall and had to be staked, while ours were short and required no staking. Can say you have to go some to beat the quality of the bulbs supplied by your firm.

L. W. Acheson
Pittsfield, Mass.

1950 Our Easter Lilies bought from you came in just right and are nice stock, just the right height for pot plants. Have about 200 left out of 3500 with two days to go.

A. Rasmussen & Son
New Albany, Ind.

1951 Many florist comment on the consistently good quality of our lilies. Wish to say that no matter how good a grower you are, you cannot get good flowers unless the bulbs are right in the first place. Have had bulbs from you for a long time and all blooms were of exceptionally large size. We did not find a single diseased bulb in the entire lot.

Baums House of
Flowers, Inc.
Knoxville, Tenn.

1955 Having grown your Croft Lilies exclusively for the past 12 yrs. with excellent results, I wish to say that our Crofts this past Easter were the best we ever had, with the highest bud count also.

The winter this year was extremely severe even down here, but we finished all our Crofts in ample time for Easter. It was a pleasure to fill our Easter orders with such fine lilies, with a heavy bloom count.

Gus Borg's Flowers
Decatur, Ga.

1957 Your lilies did very well for us. One of the 7/8 Crofts threw 14 buds of which 12 developed. Many of them produced 8 or more. You may book our order again.

Hopkins the Florist
Brattleboro, Vt.

1958 (In connection with one particular bulb)

—"This Lily had 28 blossoms in all; 24 in bloom at one time in the shape of a crown". All Lilies were very satisfactory.

Caldwell Greenhouses
Bradford, N. H.

1959 We were pleased with the high quality Ace Lilies supplied by you. Your bulbs forced easy, gave an excellent bud count and were just the right height.

As a matter of fact, over the years your bulbs have always given better than average performance.

Norberg & Haroian, Inc.,
Lexington, Mass.

1960 We have been using your bulbs for over fifteen years. Our customers have been so well satisfied and our sales have increased each year. We increase our planting each year but still can't keep up with the demand. We have had a very high bud count, running from 5-6-7 on 7/8 and 7-8-9 on 8/9 to each plant.

Benton Greenhouses
Fairhaven, Mass.

LILIES FOR FORCING

Easter in 1961 is April 2

Time schedule for pre-cooled Croft lilies for Easter pots, 1961

Dates are approximate for the northern half of the United States. Since weather conditions greatly affect growth, the grower has to adjust accordingly throughout the season.

Ace lilies usually take about 10 - 15 days longer than Croft.

Date	Days to Easter	Remarks
Nov. 26, 1960	127	Pot and hold at 55°
Dec. 8,	115	Give 60° night & 70-75° day temp.
Dec. 21,	102	New shoots breaking soil
Dec. 29,	94	Shoots 1 - 3 inches
Jan. 6, 1961	86	" 3 - 5 "
Jan. 13,	79	" 6 - 7 "
Jan. 20,	72	" 9 - 11 "
Jan. 27,	65	" 12 - 15 "
Feb. 4,	57	Feel the buds
Feb. 13,	48	Just see the buds
Feb. 26,	35	Buds 1/2 to 1" long
Mar. 12,	20	" 2 - 3" long
Mar. 19,	13	" 3 - 5" "
Mar. 20,	12	Start cooling early plants if weather permits, or store early flowering plants in cold storage at 38 - 40°.
Mar. 24,	8	Plants should be ready to sell.
Apr. 1,	1	All sold out
Apr. 2,	0	Easter



EASTER LILY

Plant on left — grown with inadequate fertilizer; note light colored leaves and loss of lower leaves.

Plant on right — fertilized properly.

WORLD FAMOUS JAN DE GRAAFF LILIES FOR GARDEN AND GREENHOUSE

These acclimated Oregon grown lilies are entirely hardy and disease free. The bulbs are bursting with vigor of their hybrid origin, and are delivered with vigorous root system for planting at proper time in early fall.

THE NEW BOOK OF LILIES by Jan de Graaff

Superbly illustrated in natural colors, this book sums up basic culture, pests and diseases and what to do about them, how to grow lilies, reference charts, blooming dates, etc., etc.

Per Copy 3.50 Postpaid

REFER TO LILY FOLDER IN FULL
COLOR AND CONVENIENT ORDER
BLANK INCLUDED IN THIS
MAILING.

MID-CENTURY HYBRIDS

Cinnabar. Strong stemmed, vivid maroon-red, upright flowering. A worthy companion to Enchantment. Fine for forcing, for growing in pots in a cool greenhouse.

Per Doz: 8.50 Per 25: 16.00 Per 100: 60.00

Croesus. Upright flowering goblet-shaped golden-yellow. Fine for pot culture. July flowering.

Per Doz: 4.75 Per 25: 8.50 Per 100: 32.00

Destiny. Tall pure lemon yellow, petals spotted brown. Height 3-4 feet. June flowering.

Per Doz: 6.25 Per 25: 11.25 Per 100: 42.00

Enchantment. (U.S. Plant Patent 862) Vivid nasturtium red, petals nicely spotted. Height 28 inches. Late June — early July flowering.

Per Doz: 4.75 Per 25: 8.50 Per 100: 32.00

Golden Chalice Hybrids. Range of colors varies from clear lemon-yellow through rich shades of gold and apricot-orange. Extremely drought resistant. June flowering. Height 2 1/2-4 feet.

Per Doz: 4.75 Per 25: 8.50 Per 100: 32.00

Harmony. Wide petaled, upright flowered variety in shades of rich and brilliant orange. Fine for pot culture. June flowering.

Per Doz: 4.75 Per 25: 8.50 Per 100: 32.00

Joan Evans. Broad petaled bright golden-yellow. Upright flowering. Fine for pot culture. June flowering.

Per Doz: 4.75 Per 25: 8.50 Per 100: 32.00

Prosperity. Lovely cool lemon-yellow. Height 4 feet. July flowering.

Per Doz: 6.25 Per 25: 11.25 Per 100: 42.00

Valencia. Rich orange yellow. Very large, flat flowers having a slight mid-rib of deeper orange. Fine for pot culture. June flowering.

Per Doz: 4.75 Per 25: 8.50 Per 100: 32.00

Mid-Century Hybrids Mixed. (Blended colors and types.) Especially selected for beauty, hardiness and vigor.

Per Doz: 4.75 Per 25: 8.50 Per 100: 32.00

WILD LILIES

Fiesta Hybrids Mixed. Gracefully reflexed flowers in beautiful color range from bright yellow through orange to a rich dark red.

Per Doz: 4.75 Per 25: 8.50 Per 100: 32.00



L. CENTIFOLIUM "OLYMPIC HYBRIDS"

**NO ORDERS FOR LESS
THAN \$25.00 PLEASE**

1960 INTRODUCTIONS

Harlequin Hybrids. An entirely new strain of Hybrid Lilies derived from L. Cernuum. New colors that vary from ivory-white through pale lilac and old-rose to violet and purple, with intermediate shades of salmon, terra-cotta and amber pink. Mature plants will carry from 12 to 15 flowers, all well incurved and borne on short pedicels on five foot stems. Supply limited.

Each: 4.00 Per Three: 10.00

Limelight. Soft greenish-yellow, bowl shaped Lily that might almost be called a true Chartreuse. It is tall, vigorous and prolific. Supply is limited.

Each: 2.50 Per Doz: 27.50

ORIENTAL LILIES

Auratum Platyphyllum. (Gold Band Improved.) Broad petalled white flowers banded with yellow, spotted crimson. Height 5 feet. August - September flowering.

Per Doz: 8.50 Per 25: 16.00 Per 100: 60.00

Auratum Virginal. Large widely expanded pure white flowers, golden stripe down center of each petal. Height 4 feet. August flowering.

Each: 1.75 Per Doz: 16.50 Per 25: 32.00

Auratum "Red Band Strain". Broad petalled white flowers banded crimson through center of petals. Heavily spotted crimson. Height 5 feet. August - September flowering.

Each: 3.50 Per Doz: 35.00

Red Champion. Deep pink spotted crimson. Height 4 to 6 feet. Aug. - Sept. flowering.

Per Doz: 6.25 Per 25: 11.25 Per 100: 42.00

SUNBURST LILIES

Bellingham Hybrids Mixed. Color range from clear yellow to yellow-oranges to bright reds with scarlet tipped petals. Height 4 to 5 feet. July flowering.

Per Doz: 6.25 Per 25: 11.25 Per 100: 42.00

Golden Sunburst. Resemble L. Henryi except flowers are star-shaped. Color pure yellow. Height 6 feet. July flowering.

Per Doz: 8.50 Per 25: 16.00 Per 100: 60.00

Forcing Garden Lilies

Trials have shown that some varieties such as Valencia, Enchantment and other Mid-Century Hybrids are excellent items for spring sales. Not all varieties are short enough or have enough foliage color for attractive potted plants.

When handled like Crofts and potted in December, flowering time is approximately 90 days. Later plantings come faster.

Garden lilies are well worth a trial; — something different for spring. The customer can plant them in the garden after flowering is finished in the home. Fine for corsages or baskets. Prize material for flower shows.

Rubrum and other Speciosum varieties can be flowered anytime after mid-May. Allow 4 1/2-5 months at 60°.

NEW TRUMPET LILIES

Black Dragon Strain. Inside of flower pure white, outside rich purple brown, margined pure white. Height 3 to 4 feet. July flowering.

Each: 3.00 Per Doz: 34.00 Per 25: 67.50

Emerald Strain. Large beautifully shaped trumpet. Pure cool white with a flush of emerald green when first opening. Height 3 to 4 feet. July flowering.

Each: 1.10 Per Doz: 12.00 Per 25: 24.00

Golden Clarion Strain. Golden yellow trumpet, the result of crossing L. Henryi with the Olympic strain.

Per Doz: 8.50 Per 25: 16.00 Per 100: 60.00

Golden Splendor Strain. Very best of the "Golden Clarions". Outstanding golden yellow trumpet Lily. Height 5 to 7 feet. July flowering.

Each: 1.10 Per Doz: 12.00 Per 25: 24.00

Moonlight Strain. Soft greenish-yellow bowl shaped. Tall growing, very prolific. Highly recommended.

Each: 1.75 Per Doz: 16.50 Per 25: 32.00

Olympic Hybrids. Style of blooms vary from trumpet shape to open bowl type, petals slightly twisted and ruffled. Color from creamy white to soft pink. Height 5' July flowering.

Per Doz: 5.00 Per 25: 9.50 Per 100: 36.00

Pink Perfection Strain. Robust giant trumpet in shades of fuchsia to rose pink. Height 4 feet. July flowering.

Each: 1.75 Per Doz: 16.50 Per 25: 32.00

Royal Gold. A golden-yellow true breeding mutation of the Regale Lily. Identical with the best Regale except for its true golden coloring. Flowers have a most attractive, shiny glistening surface, which adds to its beauty.

Per Doz: 8.50 Per 25: 16.00 Per 100: 60.00

FORCING COLLECTION A-19

For Greenhouse

	size
25 HARMONY	5/6"
25 DESTINY	5/6"
25 JOAN EVANS	5/6"
25 CROESUS	5/6"
25 ENCHANTMENT	5/6"
25 VALENCIA	5/6"

150 Bulbs as Listed

Bulk Packed with Forcing Instructions.
SPECIAL PRICE — \$40.00 DELIVERED



LILIUM CANDIDUM (Northern Grown)

CANDIDUM (Madonna Lily)

This lily likes a good, deep loamy soil, not too dry, and a sunny situation where it can be left undisturbed for years. Plant shallow, covering the bulbs not more than 1 inch or 2-3 inches if the soil is very light. Height 4-6 ft. June flowering.

TRUE FRENCH NORTHERN GROWN

Size	Per case	Per 100	Per 1000	Size	Per case	Per 100	Per 1000
22/24 cm	250	18.50	170.00	30/32 cm	100	32.50	310.00
24/26 cm	200	20.50	190.00	32/35 cm	100	37.50	350.00
26/28 cm	150	24.50	230.00	35/40 cm	75	46.00	435.00
28/30 cm	125	28.50	270.00	40 cm up	50	48.00	460.00

SOUTHERN GROWN

Size	Per case	Per 100	Per 1000	Size	Per case	Per 100	Per 1000
20/22 cm	500	12.00	110.00	26/28 cm	250	19.50	190.00
22/24 cm	300	14.00	130.00	28/30 cm	200	24.50	230.00
24/26 cm	250	17.50	160.00	30 cm up	150	28.50	270.00

LILY BULBS FROM JAPAN

December-January Delivery

Auratum. The magnificent golden banded lily of Japan, large white flowers with a golden band down the center of each petal. The fragrant flowers, heavily spotted crimson, are carried on strong stems 3-6 feet high. Stem rooting, plant 8-12" deep.

Auratum Platyphyllum. Undoubtedly the best of the Auratum family. Large flowers and stronger grower than Auratum. Plant the same as Auratum.

Rubrum Magnificum. Handsome heads of flowers with reflexing petals heavily spotted crimson on white ground

Size	Quantity Per Case	Per 100	Per case
7/9"	250	16.00	35.00
8/9"	200	20.00	35.00
9/10"	140	28.00	35.00
9/11"	125	30.00	35.00
11/13"	90	35.00	35.00
13/15"	50	35.00	35.00
8/9"	200	22.00	38.00
9/10"	140	30.00	38.00
9/11"	125	32.00	38.00
11/13"	90	38.00	38.00
13/15"	50	38.00	38.00
7/9"	250	16.00	35.00
8/9"	200	20.00	35.00
9/10"	140	28.00	35.00
9/11"	125	30.00	35.00
10/11"	100	35.00	35.00
11/13"	90	35.00	35.00
13/15"	50	35.00	35.00



RUBRUM MAGNIFICUM

LILIUM REGALE (Oregon Grown)

One of the finest most beautiful of all Lilies, and certainly one of the easiest to grow, thriving in a great variety of soils. Slender stems, crowned with several large, funnel-shaped flowers variably wine-colored without, pure white on the face, clear yellow within the tube; anthers golden. Vigorous grower, attaining sometimes as high as twenty flowers or even more on a single stem. Stem rooting. Plant the bulb 8" deep in any good well drained loam, with or without lime, preferably in a sunny position. Height 4-6 ft. July flowering.

Size	Quantity	Per 100	Per 1000
7/8"	250 per case	16.00	150.00
8/9"	200 per case	21.50	200.00
9/10"	150 per case	30.00	275.00
10/11"	100 per case	37.50	350.00
11/12"	75 per case	45.00	425.00

NORTHWEST GROWN

SPECIOSUM "ALBUM"

Pure White.

8/9"150 per case.....62.50 9/10"100 per case.....60.00

SPECIOSUM "RUBRUM"

Finest selected strain. Entirely disease free, freer of flower, richer of color, far superior to the imported stock.

7/8"250 per case.....75.00 9/10"150 per case.....75.00
8/9"200 per case.....75.00 10/11"100 per case.....60.00

SPECIOSUM "LUCIE WILSON"

A superior Rubrum. Entirely free from virus. Will produce maximum quantity and quality blooms under proper growing conditions. Bud count ranges from 9 to 12 blooms per stalk in outside gardens and 12 to 15 per stalk under glass.

7/8"150 per case.....60.00 9/10"100 per case.....60.00
8/9"125 per case.....60.00 10/11"80 per case.....60.00

SPECIOSUM "ROSEMEADE"

Blooms same color as Lucie Wilson but one-third smaller and one-third more blooms per stalk. Foliage considerably shorter and brownish green color, carries 12 to 15 blooms per stalk in the field and 16 to 22 under glass. For the forcer who wants plenty of blooms, "Rosemeade" is the answer.

7/8"150 per case.....68.00 9/10"100 per case.....68.00
8/9"125 per case.....68.00 10/11"80 per case.....65.00

IRIS FOR FORCING

1. Bulbs are usually planted as soon as received. Keep them dry and cool (50°F) if they must be held.

2. **Planting** — Plant bulbs in flats 4 to 5 inches deep with soil of medium fertility, and no fertilizer during forcing. Excessive nitrogen **delays** flowering and causes weak stems. Leave as much space as possible under the bulbs for the roots; barely cover the bulbs.

3. **Moisture** — Water well after planting and **keep the soil moist**. Allowing soil to become dry causes short stems and blasting of flower buds.

Avoid rooting beneath flats. Place flats on boards or cleats so roots are not injured if flats are moved. Flats can be moved if the soil is kept continually moist.

4. **Spacing and Light** — Lack of sufficient light cause blasting of flower buds. Use a 3 x 4 inch spacing for winter forcing; for spring flowering, 3 x 3 can be used.

Light is important; don't use benches shaded by other crops or by gutters, workrooms, etc. Be sure the greenhouse glass is clean; remove any shading.

5. **Forcing temperatures** — Don't force at too high temperatures. High temperatures encourages flower blasting and bleach flower color. Place thermometer at plant height so you get correct temperature information. In cloudy weather, Iris are grown cooler than in bright weather.

In general, force

11/12 cm bulbs not over 58°	for earliest flowering.
10/11 ' ' ' ' 55°	for late Jan. to Apr. flowering
9/10 ' ' ' ' 53°	for late Jan. & Feb. flowering
8 1/2/9 ' ' ' ' 50°	for late Feb. & Mar. flowering

6. **Pre - cooling** — Six weeks storage at 48 - 50° is the minimum for Wedgewood whereas Blue Ribbon requires 8 weeks. Pre-cooling prevents grassiness and weak stems. Pre-cooled bulbs should be planted in less than 5 days after pre-cooling.

7. Storage and Forcing

a. Plant pre-cooled bulbs of Wedgewood or Blue Ribbon (a strong growing deep blue Iris which often brings a premium in the market) in flats or benches in mid-October for mid-December flowering.

OR the pre-cooled bulbs can be flatted and placed in storage at 50° until mid-November and forced. There probably will be 2 to 2 1/2 inches of growth by this time and plants will flower in late December and early January.

b. Bulbs which are not pre-cooled are flatted in mid-October and stored in a 48-50° cold storage, or buried out of doors. When forcing is started, the shoots should be about 2 inches tall. Figure 8 weeks for flowering Wedgewood.

8. **Other Varieties** — Various Dutch iris, other than Wedgewood and Blue Ribbon can be stored as outlined above and forced at 50°F with flowering in late February and March.

IRIS

BLUE RIBBON. Strong grow- ing, deep blue.	9/10 cm.	10-11 cm.	11 cm. up
American Grown	100 1000	100 1000	100 1000
	4.00 33.00	4.75 42.50	6.00 50.00
WEDGEWOOD. Clear light blue.	**8 1/2-9 cm.	9/10 cm.	10/11 cm.
American Grown	100 1000	100 1000	100 1000
Holland Grown*	8/9 cm. *2.00	13.00 2.50	20.00 4.00
			35.00

DUTCH IRIS

	6-7 cm.	7-8 cm.	8-9 cm.		
	100 1000	100 1000	100 1000		
Blue Triumphator. Very fine deep blue, very uniform in color and growth. Not quite as early as Wedgewood.	2.50	17.00	3.00 25.00	4.00	35.00
Golden Harvest. Tall golden yellow	2.00	11.00	2.50 17.00	3.00	25.00
H. C. Van Vliet. Large deep blue	2.00	11.00	2.50 17.00	3.00	25.00
Imperator. Popular dark blue	2.00	11.00	2.50 17.00	3.00	25.00
Jeanne D'Arc. Extra large creamy-white, yellow blotch on falls.	2.25	14.00	2.50 20.00	3.25	27.00
Lemon Queen. Large light citron yellow, lips of petals intense deep orange, strong grower	2.50	20.00	3.50 30.00	4.50	40.00
White Excelsior. Pure white	2.00	11.00	2.50 17.00	3.00	25.00
White Perfection. Very large pure white, with orange stripe on lip	2.25	14.00	2.50 20.00	3.25	27.00
White Superior. Extra large pure white	2.25	14.00	2.50 20.00	3.25	27.00
Yellow Queen. Golden yellow.	2.50	17.00	3.00 25.00		

IRIS RETICULATA

	100	1000
Sweet scented deep violet purple flowers with golden blotch, flowering outdoors in February. Can be forced inside to bloom at Christmas	3.00	25.00



Left. Blasting of Iris flower buds caused by too close spacing in winter (short days). Practically 100% cut from flat on right. These are from the same lot of bulbs but given more spacing (and light). Space not less than 3" x 4".

BULBS AND TUBERS FOR GREENHOUSE FORCING

ALLIUM. See *Freesia* (same culture)

ANEMONE

Plant "bulbs" in flats or bench in October for flowering starting in January. Grow at 45-50°F. Use 4 x 10 inch spacing. Because of crown rot problem, keep water off crowns by watering soil between the rows. Use Fresh soil.

BEGONIA — Tuberous rooted

Start tubers in February in moist peat or peat and sand at 70° until rooted. High temperature is important. Pot in 1/2 peat - 1/2 soil mixture and grow at 60-65° for May flowering. An excellent garden item. Good to grow in 4 and 5 inch peat pots. If your greenhouse is not warm enough, cover the bulbs with a clear plastic canopy reaching to the ground, over a raised bench with bottom heat.

CALADIUM

A decorative plant for the home, and excellent as bedding plant in semi-shady locations in the garden. Same culture as Tuberous Rooted Begonias.

Varieties — Write for our free special folder showing varieties in color.

Care of bulbs — Caladium bulbs are very sensitive to cold temperatures. When your bulbs are received, remove them from the carton immediately and spread thinly in a warm location with good air circulation. In this way bulbs should hold any reasonable time until you are ready to plant. (See Caladium Page 22)

CALLA LILY

White Cut Flower (*Aethiopica*) — Plant rhizomes ("bulbs") in August. Use soil mix of 25% peat moss and 75% soil and mix in superphosphate, 4 pounds per 100 square feet of soil. Sterilize soil, preferably with steam, in the container. Plant in benches, boxes or large pots. Fertilize monthly with ammonium sulphate and muriate of potash each at 1/2 pound per 100 square feet OR give good bi-weekly watering with 20-20-20 fertilizer solution (2 pounds per 100 gallons of water). Keep soil moist. No need to dry off plants in summer. Plants will flower all summer if watered, with light shade on the house.

Grow at 55° night temperature and 65-70 during day. Give full sunlight from September to late May and some shade in summer months.

Root rot is a common disease of Callas. Discard plants that look sick. Scrub dormant "bulbs", cut out rotted spots, soak one hour in solution containing 1 gallon of formaldehyde in 50 gallons of water. Plant in sterilized soil in sterilized containers on sterilized benches.

Yellow Calla for pot plant (*Elliottiana*) — The "bulbs" are potted about 3 months before flowering time in same soil mix as for white callas. Grow at 60-65° night temperature, OR you can start rooting the rhizomes in peat held at 75-80° and then pot them up after good roots form. Move to 55° the last couple weeks before sale to improve keeping quality.

CROCUS — For Forcing

1. A good merchandising item for spring sales, as well as Valentines's Day and Easter.

2. **Planting** — Plant bulbs (corms) 4 to a 4 inch bulb pot using the 9-10 cm. or larger size, with top of corms about 1 inch under the soil surface.

Store in 48°-50° storage cellar, or out of doors until mid - January.

3. **Forcing** — Plants started in latter half of January will take 3 weeks to bloom at 60-62° N.T. In February, figure 3 weeks and in March 2 weeks for flowering.

4. **Varieties** — *Purpurea grandiflora*, a rich purple, is one of the best for the early crops, with yellow and white varieties added for March and Easter.

5. **Sales appeal** — Not only is this an inexpensive item, but the customer can plant the bulbs in her garden for blooms again the following year.

DAFFODILS — See page 11

FREESIA

Plant corms in flats deep (6 to 8") or bench with 1 1/2 x 6" inch spacing. Keep soil moist at all times. Give plenty of light and ventilation. Grow at 50°. August plantings flower in December, and November plantings in March. Flowering in April has not been very successful.

GLADIOLUS — See page 24

Gloriosa Rothschildiana (See page 25)

GLOXINIAS

A wonderful sales item for summer months when business often is slack. Plan a promotion with retailers. Also a good Mother's Day item if planted in November. Plants of high quality sell "like hot cakes".

Start tubers ("bulbs") in moist peat and sand at 65-70°. When rooted, pot in half soil - half peat mixture, with one tuber per 5 to 6 inch azalea pot, depending on size. Keep soil moist and shade from direct sun. Ready for sale from March on. Fertilize once every 2 to 3 weeks with 20-20-20 fertilizer (2 lbs. per 100 gallons.)

GRAPE HYACINTH (*Muscari*)

1. Another good item for merchandising and "come on" sales. Can be planted in the garden after flowering.
2. Space bulbs 3/4" apart in a 4 or 5 inch bulb pot, with top of bulb 1/2 inch below surface of soil.
3. Store in 48-50° storage cellar for about 8 weeks and then force in 50-55° greenhouse. Will bloom in about 3 weeks.

IRIS — See page 19

IXIA AND LEUCOCORYNE

Corms planted 2 1/2" in flats in October through December are stored at 40° for 8 weeks and then grown at 50-55° in greenhouse. Figure on flowering 4-5 months after moved into greenhouse. Can be planted in cold frames in the fall, protected during winter with flowering in May. Flowers close up at night unless kept in bright light.

LILIES

Easter Lilies — See pages 14-15-16

Garden Lilies — See pages 17-18

LILY OF THE VALLEY

A good merchandising item to go along with Crocus and Grape Hyacinths in pots. Plant pips in sand or sandy soil and store at 32-35° until ready to force. Figure 3 weeks to flowering if grown at 75°; longer if grown at 65°.

If grown for cut flowers, plant an inch apart in rows 3 or 4 inches apart in sand or sphagnum. Give 75-80° temperature with bottom heat. Use heavy muslin shade for the first 2 weeks to protect new growth and draw up the plants. Cut the flower stems when terminal bud has lost its green color.

NARCISSUS — See pages 9-11-12-13

ORNITHOGALUM

Bulbs flattened in October and grown in 60° greenhouse give cut flowers in February. November plantings flower in March and early April. Will flower a little later if grown at 50°

Individual florets are excellent for corsage work. One of the longest lasting cut flowers.

OXALIS

Pot bulbs in October and grow at 55° for spring sales.

RANUNCULUS

Plant "bulbs" in fall for flowering in spring months. Grow at 50° Use 4 x 10 inch spacing. Water between plants to prevent crown rot. Use fresh soil.

BEGONIAS-TUBEROUS ROOTED

"MINIMUM ORDER 100 BULBS AND NOT LESS THAN 10
IN ANY ONE COLOR

AMERICAN GROWN

New Ruffled Camellia Type.

Blooms are beautifully frilled and ruffled in a complete range of all colors.

COLORS—Apricot, Blush, Cardinal Red, Crimson Rose, Dark Salmon, Dark Red, Light Salmon, Pink, White, Rose, Scarlet, Yellow, Orange, Flame Orange.

New Rose Form Type.

Improved Carmellia Type. Petals are smooth and long with a very distinct center.

COLORS—White, Blush, Pink, Rose, Crimson Rose, American Beauty, Dark Red, Scarlet, Cardinal Red, Orange, Flame Orange, Apricot, Yellow, Light Salmon, Dark Salmon.

PRICES ON ALL ABOVE LISTED

1-1/4 - 1-1/2"		1-1/2 - 2"		2 - 2-1/2"		2-1/2" Up	
Per	Per	Per	Per	Per	Per	Per	Per
100	1000	100	1000	100	1000	100	1000
10.50	95.00	17.00	160.00	22.50	210.00	30.00	290.00

BELGIUM GROWN

Double Camellia Flowered

Giant double camellia-like flower

COLORS—Crimson, Pink, White, Coppery, Rose, Scarlet, Orange, Yellow, Salmon.

Size	Per 100	Per 1000
1 1/4-1 1/2"	7.00	60.00
1 1/2-2"	10.50	95.00
2-2 1/2"	17.50	165.00
2 1/2" Up	19.00	180.00

Double Rosebud

Flowers of the most exquisite form resembling perfect rosebuds, with beautiful two-tone pastel shade coloring

1 1/4-1 1/2"	8.00	70.00
1 1/2-2"	13.00	120.00
2" Up	18.50	175.00

Double Frilled or Carnation (Fimb. Plena.)

Petals are frilled with serrated edges, flower when in full bloom resembles a Carnation

COLORS—Crimson, Pink, Orange, White, Yellow, Coppery.

1 1/4-1 1/2"	8.00	70.00
1 1/2-2"	13.00	120.00
2" Up	18.50	175.00

Double Picotee

The flowers are slightly smaller than the large Camellia Type in some instances but of beautiful Camellia form, with two-toned combinations of the colors Pink and White with a definitely contrasting edge.

1 1/4-1 1/2"	8.00	70.00
1 1/2-2"	13.00	120.00
2" Up	18.50	175.00

Double Hanging Basket

Known as Pendula or Lloydii type. Hundreds of small double flowers produced from a single bulb.

COLORS—Scarlet, Pink, Yellow, White, Orange, Salmon.

1 1/4-1 1/2"	9.00	80.00
1 1/2-2"	14.50	135.00
2-2 1/2"	22.50	210.00
2 1/2" Up	23.50	225.00

Giant Single Frilled (Crispa)

Large profusely frilled and ruffled single flowers. Fine for bedding

COLORS—Crimson, Pink, Orange, White, Yellow, Coppery.

1 1/4-1 1/2"	8.00	70.00
1 1/2-2"	13.00	120.00
2" Up	18.50	175.00

Begonia Multiflora (Lilliput or Miniature)

Group of double flowered Begonias which are especially adapted for borders. They are best suited for mass plantings and will bloom profusely throughout the summer.

Ami Jean Bard. Copper-yellow	1-2"	14.00	130.00
Gents Juweeltje. Salmon	1-2"	15.00	140.00
Helen Harms. Yellow	1-2"	15.00	140.00
Le Flamboyant. Scarlet	1-2"	14.00	130.00
Madame R. Gale. Deep Copper	1-2"	14.00	130.00

BEGONIA MULTIFLORA MAXIMA

New strain developed by crossing the popular Camellia flowered with Multiflora. Growth is compact, the rigid stems are covered with many medium sized double blooms. Excellent pot and bedding plant.

COLORS—Red, Fire Red, Copper, Rose, Pink, Yellow, White, Switzerland Red - Dark leaves).

Top Size	Per 100	Per 1000	Collection - 25 Each 8 Colors Listed Per Collection
1"-Up	16.00	150.00	30.00



BEGONIA MULTIFLORA MAXIMA

AMARYLLIS

"SSS" New Giant Flowered Hybrids

Finest Hybrid strain which can be had in separate varieties, true to color. Mammoth sized blooms measuring eight to eleven inches in diameter. Very free flowering and most varieties will produce two stems, bearing three to four flowers each. Shape of bloom is round and very symmetrical and flat. Connection between the flower and stem is very short avoiding hanging flower heads.

Varieties may be ordered separately, buyer's choice but not more than 10% of total quantity in the variety L'Innocence.

Where L'Innocence is ordered separately please add 15% to hundred rate.

VARIETIES

Claret. Enormous deep wine red.
Red Rover. Large bright red.
Scarlet Admiral. Glossy deep scarlet.
Fire King. Light Scarlet.
Dazzler. Deep orange red.
Orange King. Clear orange.
Salmon Queen. Salmon orange.
Pink Perfection. Bright pink with light salmon reflex.
Striped Beauty. Pure white with rose-pink stripes.
Border Gem. Bright red with pure white edge.
L'Innocence. Pure white, no markings.

See (page 29)
for
AMARYLLIS
HYBRID
ASSORTMENT

SPECIAL OFFER

12 top sized bulbs which will include all varieties and not more than 2 bulbs of variety L'Innocence.

SPECIAL PRICE: 22.00 per dozen

Top Size: Separate Named Varieties: 175.00 per hundred
25 bulbs or more at hundred rate.

Giant American Hybrids (Hippeastrum) MIXED

	Per 100	Per 1000
2 1/2-3"	20.00	190.00
3-3 1/2"	32.50	310.00
3 1/2-4" (Scarce)	47.50	450.00

MISCELLANEOUS BULBS

ALLIUM

	Per 100	Per 1000
Alba Gigantea. Umbels of pure white flowers. Superior to old Neapolitanum. Fine cutting item	4.50	40.00

ANEMONES

SINGLE

Monarch de Caen. Beautiful poppy-flowered Anemone. Saucer-shaped blooms in bright shades of pink, red, blue, etc.	No 1	4.00	35.00
	Jumbo	6.00	55.00
Blue Poppy. Large single flowers in various shades of blue	No 1	4.00	35.00
	Jumbo	6.00	55.00
His Excellency. Huge red, brilliant flower	No. 1	4.00	35.00
	Jumbo	6.00	55.00
The Bride. Large pure white flower with white center	No 1	4.00	35.00
	Jumbo	6.00	55.00
SEMI DOUBLE			
St. Brigid. Semi-double flower in bright shades of red, pink and blue	No. 1	4.00	35.00
	Jumbo	6.00	55.00

CALLAS

Aethiopica. Large pure White	1 1/2-1 3/4"	16.00	150.00
	1 3/4-2"	25.00	225.00
	2-2 1/2"	30.00	275.00
	2 1/2" Up	38.00	365.00
Elliottiana. Golden Yellow Flower	2-2 1/2"	17.50	160.00
	2 1/2-3"	32.50	300.00
	3" Up	45.00	410.00
Godfrey (Greenhouse Grown).	Top Size	40.00	375.00
Finest disease free strain. Free flowering pure white	1st Size	35.00	325.00
	2nd Size	30.00	275.00

NOVELTY CALLAS

Arum Pictum (Black Calla.) Very large black flowers; fading to maroon as the bloom becomes older. There is no disagreeable odor. A fine novelty	Top size	45.00
Rehmanni Superba (Pink Calla.) A dwarf calla having a rose pink flower which fades to cerise as bloom matures. Very unusual	Top size	30.00

CHIONODOXA LUCILIAE (Glory of the Snow)

	Per 100	Per 1000
Brilliant blue white center	2.00	15.00

FANCY-LEAVED CALADIUMS

SEPARATE NAMED VARIETIES

	Per 100	Per 1000
1-1 1/2 inch	11.00	100.00
1 1/2-2 1/2 inch	19.50	185.00
2 1/2-3 1/2 inch	27.50	265.00
3 1/2 inch up	37.50	365.00

NAMED VARIETIES MIXED

	Per 100	Per 1000
1-1 1/2 inch	10.00	90.00
1 1/2-2 1/2 inch	19.00	180.00
2 1/2-3 1/2 inch	27.00	260.00
3 1/2 inch up	37.00	360.00

(Special descriptive list mailed on request)

GALANTHUS NIVALIS (Snowdrops)

	Per 100	Per 1000
Large flowered pure white with green markings	3.00	25.00



CROCUS

ANEMONE DE CAEN



BABY GLADIOLUS (Colvilli)

	Per 100	Size Per 1000
Blushing Bride. Blush white, carmine blotch	5.00	45.00
Charm. Violet rose	5.00	45.00
Nymph. White carmine blotched	5.00	45.00
Peach Blossom. Exquisite pink	5.00	45.00
Spitfire. Brilliant reddish salmon	5.00	45.00
The Bride. Lovely white	5.00	45.00
Tritis Supreme. This is a re-selection of Tristis Hybrids. Very sturdy stems with upright flowers of perfect placement. Color is creamy white, and the blooms, when fully open are delightfully fragrant. They are early bloomers and will keep for more than a week when cut	8.00	75.00

FREESIAS

NEW HYBRIDS — Greenhouse Grown

Limited Supply Available

"SSS" New Giant Hybrids	3/4-7/8"	7/8-1"
Colors, — Blue, Lavender	100 1000	100 1000
Orange, Pink, White, Yellow.	7.50 65.00	8.50 75.00

	1/2-5/8"	5/8-3/4"	3/4-7/8"
Flo. Large flowering	100 1000	100 1000	100 1000
Deep blue	2.75 22.50	3.50 30.00	5.00 45.00
Golden Giant			
Bright Golden-Yellow..	2.75 22.50	3.50 30.00	5.00 45.00
Marie (Pat #609)			
Largest, earliest, most beautiful of all white freesias	2.75 22.50	3.50 30.00	5.00 45.00
Rainbow Mixture	2.50 20.00	3.25 27.50	5.00 45.00

"SSS" GIANT HYBRIDS

Pure White	2.50	20.00	3.50	30.00	5.00	45.00
Light Yellow	2.50	20.00	3.50	30.00	5.00	45.00
Rose	2.50	20.00	3.50	30.00	5.00	45.00
Bright Red	2.50	20.00	3.50	30.00	5.00	45.00
Finest Blue	2.50	20.00	3.50	30.00	5.00	45.00
Pink	2.50	20.00	3.50	30.00	5.00	45.00
Lavender	2.50	20.00	3.50	30.00	5.00	45.00
Orange	2.50	20.00	3.50	30.00	5.00	45.00
Mixture	2.50	20.00	3.50	30.00	5.00	45.00

SPRING FLOWERING CROCUS

	Size	Per 100	Per 1000
Enchantress. Light blue paler margin	9-10 cm.	3.25	27.50
Mont Blanc. Pure white	9-10 cm.	4.00	35.00
Purpurea Grandiflora. Rich purple	9-10 cm.	3.25	27.50
Sir Walter Scott. White striped purple	9-10 cm.	4.00	35.00
Yellow Mammoth. Deep Yellow	9-10 cm.	2.50	20.00
Mixed. All colors included	9-10 cm.	3.00	25.00



GLOXINIA EMPEROR FREDERICK

GLOXINIAS

Minimum order 100 Bulbs and not less than 10 of any one variety.

Crispa Meteor. Brilliant scarlet, frilled edge.

Blanche De Meru. Pinkish rose, white throat.

Emperor Frederick. Scarlet bordered white.

Emperor William. Violet bordered white.

Etoile De Feu. Light scarlet, compact growth.

Kegeljani White (New). Large pure white. Good forcer.

Kegeljani Red (New). Large deep red. Good forcer.

Mont Blanc. Clear glistening white.

Prince Albert. Darkest violet, beautifully frilled.

Princess Elizabeth. Light blue, white throat.

Queen Wilhelmina. Dark rose.

Roi Des Rouges. Brilliant crimson scarlet, huge flower beautifully frilled.

Tigrina. (Spotted and stained hybrids). Large flower with a short throat. Entire blossom veined and spotted, in a mixture of pink, blue purple, and red markings on white.

Violacea. Soft violet.

PRICES ON ALL ABOVE VARIETIES

	Per 100	Per 1000
1 1/2"-2"	19.00	180.00
2-2 1/2"	25.00	240.00
2 1/2" Up	32.50	300.00

IXIAS (African Corn Lilies)

"SSS" Mixed. Splendid assortment of all colors 2.00 15.00

LEUCOCORYNE (Glory of the Sun)

Ixioides Odorata Top Size 9.50 85.00

LILY OF THE VALLEY

S.S.S. EXHIBITION PIPS

Let us take care of your requirements for shipment throughout the year.

Case of 250.....	25.00
Case of 500.....	50.00
Case of 1000.....	95.00

MUSCARI (Grape Hyacinths)

	Per 100	Per 1000
<i>Armeniacum.</i> Large clear blue	2.00	15.00
<i>Botryoides Albus.</i> (White Grape hyacinth.) Cluster of white corals	2.50	20.00
<i>Heavenly Blue.</i> Bright sky-blue	2.00	15.00

ORNITHOGALUM

Arabicum. Globe-shaped white flowers with jet black center. Very fragrant, grows to height of 2 feet
Top Size 7.50 65.00

OXALIS

<i>Bermuda Buttercup.</i> Yellow	3.50	30.00
<i>Grand Duchess.</i> Lavender	3.50	30.00
<i>Grand Duchess.</i> Rose Pink	3.50	30.00
<i>Grand Duchess.</i> White	3.50	30.00

RANUNCULUS

S.S.S. Supreme Strain. The largest and most magnificent strain of *Ranunculus*. Flowers are very double and some semi-double, with light green centers.

	No. 1 100	1000	Jumbo 100	1000
<i>Supreme Gold Shades</i>	4.00	32.50	7.00	60.00
<i>Supreme Orange Shades</i>	4.00	32.50	7.00	60.00
<i>Supreme Pink Shades</i>	4.00	32.50	7.00	60.00
<i>Supreme Red Shades</i>	4.00	32.50	7.00	60.00
<i>Supreme White Shades</i>	4.00	32.50	7.00	60.00
(Whites predominate.)				
<i>Supreme Yellow Shades</i>	4.00	32.50	7.00	60.00
<i>Supreme Mixed</i>	3.75	30.00	6.00	50.00
(Beautiful range of all colors.)				

SCILLA CAMPANULATA (Wood Hyacinth)

Tall stems of large open campanulate bell-shaped flowers.
Top Size 100 1000

<i>Alba Maxima.</i> Large white, long spikes	2.75	22.50
<i>Blue Queen.</i> Lavender blue	2.75	22.50
<i>Excelsior.</i> Deep lavender striped blue, robust	2.75	22.50
<i>Rose Queen.</i> Lavender pink, long spikes	2.75	22.50
<i>SCILLA Siberica</i> (Siberian Squill). Bright blue, flowers early spring	2.50	20.00

SPRING FLOWERING BULBS FOR THE GARDEN

A satisfied customer is likely to buy more. Here are some hints for successful culture of spring flowering bulbs in the garden.

1. A good succession of color can be had with the *Snowdrops* (*Galanthus nivalis*) followed by *Chionodoxa* (*Glory of the Snow*) *Crocus*, *Grape Hyacinths*, (*Muscari*) and *Scilla*. Then come the *Hyacinths*, *Daffodils* and *Tulips*.

2. Garden bulbs will not tolerate wet soggy, poorly drained soils. Before planting, prepare the soil well by applying an inch of peat moss and some 5-10-5 (3 pounds per 100 square feet) and working it into the top 8 to 10 inches of soil.

3. Depth of planting is important. See bulb planting chart. (Page 65)

4. Allow foliage to remain on the plants to build up the food supply for the next year. Remove seed pods. After flowering, apply 5-10-5 at the rate of 2 pounds per 100 square feet. Usually clumps of bulbs become crowded after 3 years and should be divided and replanted. This is done after the plants die back to the ground.

5. Rembrandt tulips should be planted in an isolated area since the interesting "breaking" or variegation of color is due to a virus disease which might spread to other tulips.



SELECT GLADIOLUS BULBS



AMERICAN GROWN

For Less than 250 of a Variety.
ADD 15% to THOUSAND RATE.

MINIMUM ORDER
100 BULBS OF A VARIETY

WHITE AND CREAM SHADES

	1st size 1 1/2" /up	Price Per 1000	
	2nd size 1 1/4" — 1 1/2"	1st Size	2nd Size
Florence Nightingale. Beautiful glistening white		35.00	30.00
Leading Lady. Large creamy white		35.00	30.00
Leif Erickson. Tall creamy white		35.00	30.00
Margaret Beaton. Pure white, scarlet eye		35.00	30.00
Morning Kiss. Pure white		36.00	32.00
Mother Fischer. Finest new white		40.00	35.00
Salmon's Glory. Creamy white, red blotch		35.00	30.00
Snow Princess. Creamy white		27.00	22.00
White Goddess. Heavily ruffled creamy white		36.00	32.00

YELLOW APRICOT AND ORANGE SHADES

Aureole. Heavily ruffled light yellow	40.00	35.00
Bouton D'or. Heavily ruffled deep yellow	36.00	32.00
Gold. Rich deep golden yellow	40.00	35.00
Hopman's Glory. Sunflower yellow	35.00	30.00
Orange Gold. Golden orange shade	35.00	30.00
Pactolus. Apricot cream, orange red blotch	35.00	30.00
Spotlight. Deep yellow with scarlet spot	36.00	32.00

RED AND MAROON SHADES

Dieppe. Deep salmon red, darker blotch	36.00	32.00
Harry Hopkins. Deep wine red	35.00	30.00
Jo Wagenaar. Deep red	35.00	30.00
New York. Dark purple red	35.00	30.00
Poinsettia. Clear scarlet red	40.00	35.00
Sans Souci. Large scarlet	35.00	30.00
Valeria. Large orange-scarlet	35.00	30.00

PINK, SALMON AND ROSE SHADES

Burma. Heavily ruffled deep rose	35.00	30.00
Cover Girl. Tall deep pink	35.00	30.00
Ethel Cave Cole. Light pink	32.00	26.00
Elmer's Rose. Deep rose, heavily ruffled	40.00	35.00
Evangeline. Nicely ruffled light pink	35.00	30.00
Friendship. Clear light pink early	35.00	30.00
Margaret Fulton. Clear rose salmon	27.00	22.00
Noweta Rose. Large lavender rose	36.00	32.00
Phantom Beauty. Large clear exhibition, light pink	35.00	30.00
Picardy. Large salmon	35.00	30.00
Rosa Van Lima. Light rose pink	32.00	26.00
Red Charm. Crimson red	35.00	30.00
Spic and Span. Ruffled bright pink.	35.00	30.00

LAVENDER, BLUE AND PURPLE SHADES

Benjamin Britten. Deep lavender mauve	35.00	30.00
Bridal Orchid. Tall light lavender	40.00	35.00
Col. W. C. Atkinson. Tall deep lavender	35.00	30.00
Elizabeth the Queen. Large ruffled lavender	32.00	26.00
King David. Best ruffled purple.	35.00	30.00
Purple Supreme. Tall purple	35.00	30.00
Salmon's Sensation. Pansy blue	45.00	40.00
The Rajah. Heavily ruffled Royal Purple	40.00	35.00
Wedgewood. Waxy ruffled blue lavender	40.00	35.00

SMOKY AND ODD SHADES

Buckeye Bronze. Large rose-bronze	35.00	30.00
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GLADIOLUS FOR CUT FLOWERS (Outdoor)

1. Before planting in the field soak the corms in New Improved Ceresan or Ceresan M (2pounds per 100 gallons of water) for 15 minutes or Dovicide (6 lbs. per 100 gallons) for 30 minutes. If corms have not been treated with DDT, add it at the rate of 1 pound of 50% DDT wettable powder per 100 gallons.

2. For insect control throughout the growing season, spray weekly with Aramite and DDT or Malathion and DDT.

3. Apply a complete fertilizer before planting and a side dressing of nitrogen fertilizer one month later. Fertilizer practices vary depending upon the type of soil.

4. Corms are planted 4 to 6 inches deep and 3 to 5 inches apart in rows spaced wide enough apart for mechanical cultivation.

5. Weed control with chemicals, such as Karmex DW, DINOTRO or Chloro IPC, is used in commercial plantings.

6. Corms are dug after plants have died back to the ground, cured for 2-3 weeks at 80-85° after digging, and stored at 35-45° until planting the next year.

GLADIOLUS FOR THE GARDEN

1. This is an excellent item for resale, especially the polyethylene packaged units. Give the gardener information as to how best to handle gladiolus corms for good satisfaction.

2. Plant in a location with full sun and well drained soil. Apply 5-10-5 or 4-12-4 fertilizer at the rate of 3-4 pounds per 100 feet of row area and dig it into the soil or split it into 2 applications with 2 pounds worked into the soil before planting and 2 pounds as a side dressing 5 or 6 weeks later.

3. For succession of bloom plant corms at two week intervals until June 15.

4. Hand cultivation and weeding are preferred to chemical weeding unless the person is willing to observe all necessary precautions.

5. Allow the plants to mature and die back in the garden. Then dig out the plants, cut off the tops, and dry the corms in the sunshine for a day or two. Then store 2-3 weeks at 80-85° for final curing, and store at 35 - 45° through the winter.

6. Dusting the corms with DDT dust before storage control thrips. Spray weekly with DDT or Malathion during the growing season.

CUT FLOWER COLLECTION ALL FIRST SIZE BULBS.

Elizabeth the Queen	Harry Hopkins	Friendship
Ethel Cave Cole	Snow Princess	Valeria
Florence Nightingale	Spic and Span	Yellow Herald
	Burma	

1000 bulbs —	100 of each	Special price	\$34.00
2000 bulbs —	200 of each	Special price	63.00

HOME MARKET COLLECTION ALL FIRST SIZE BULBS.

Col. W. C. Atkinson	Sans Souci	Dieppe
Mother Fischer	Cover Girl	Gold
White Goddess	Noweta Rose	

800 bulbs —	100 of each	Special price	\$30.00
1600 bulbs —	200 of each	Special price	58.00

If sold out of any of above varieties, others will be shipped of equal value or better.



SUMMER FLOWERING BULBS AND ROOTS



Acidantha Murialiae. Known also as Gladiolus Murialiae. Pure white blooms with crimson maroon blotch, borne in a cluster. Tall growing, attaining a height of 4 feet. Sweet scented. Blooms mid August-September. Fine for cutting. Culture same as Gladiolus.
Per 100 4.00 Per 1000 30.00

CALADIUM ESCULENTUM

(Elephant's Ear)

Giant decorative leaves, rich bright green. Soft velvety texture. Splendid for mass planting in shaded locations. Do not plant outdoors until after May 1st.

	Per 100	Per 1000
5/7 inch circumference	8.00	70.00
7/9 inch circumference	11.00	100.00
9/11 inch circumference	18.50	175.00

CANNAS

City of Portland. 5 ft. Rosy pink, green leaf	8.00	70.00
Copper Giant. 3 1/2 ft. Coppery-red-green leaf	8.00	70.00
Dorothy S. 4 ft. drought resistant large flowered salmon-red President sport	8.00	70.00
Hungaria. 4 ft. Glowing pink, green leaf	8.00	70.00
King Humbert. 4 ft. Orange scarlet, bronze leaf	8.00	70.00
King Midas. 4 ft. Yellow, green leaf	8.00	70.00
Richard Wallace. 4 ft. Canary yellow, green leaf	8.00	70.00
Shenandoah. 4 ft. Salmon pink, bronze leaf	8.00	70.00
The President. 4 ft. Rich scarlet, green leaf	8.00	70.00
Wintzer's Colossal. 5 ft. Scarlet, green leaf	8.00	70.00
Yellow King Humbert. 4 ft. Yellow, softly spotted red, green leaf	8.00	70.00

GLORIOSA ROTHSCILDIANA

A Practical and Beautiful Novelty for Corsage or Cut Flowers

A profusion of brilliant red and yellow flowers resembling the Speciosum Lily, but a trifle smaller. Can be had in flower for Christmas as well as through the year. Requires three to four months to bloom. Grows taller than Speciosum and should have a bit higher temperature.

Large size tubers Per 100 60.00

ISMENE

Calathina (Peruvian Daffodil)

Pure white, waxy fragrant blossoms resembling Amaryllis.

	Per 100	Per 1000
Top size	37.50	350.00
1st size	35.00	325.00

MONTBRETIAS

NEW EARLHAM LARGE FLOWERING

	Per 100	Per 1000
Comet. Orange and red	8.00	70.00
Lady Oxford. Coral-red shaded maroon	5.00	45.00
Lady Wilson. Large bright orange	5.00	45.00
Norwich Canary. Large canary yellow	5.00	45.00
Earlham Hybrid Mixture	4.50	40.00

TIGRIDIAS (Shell Flower)

PAVONIA HYBRIDS

	Per 100	Per 1000
Alba. Pure white, yellow center, spotted carmine	5.50	50.00
Canariensis. Yellow, deeper center, scarlet spots	5.50	50.00
Red Giant. Bright red	5.50	50.00
Rose Giant. Bright rose	5.50	50.00
Pavonia Superfine Mixed	5.50	45.00

TUBEROSE S.S.S. SPECIAL IMPROVED STRAIN

This strain is especially selected for its pure white double flowers of waxlike texture, and by far superior to the ordinary strain offered generally.

	Per 100	Per 1000
No. 1. 4-6 in.	8.00	70.00

MEXICAN SINGLE TUBEROSE

Everblooming pure white.

	Per 100	Per 1000
Top size	8.00	70.00

Write For Our Complete Dahlia Listing Featuring Many Outstanding Varieties

DAHLIAS

(FD) Formal Decorative (C) Cactus (B) Ball
(SC) Semi-Cactus (ID) Ideal Decorative

Strong Divisions Minimum Order 12 of a Variety Per 100

LARGE FLOWERING

ARTHUR GODFREY. (FD) Enormous flower. Orient red with buff shading.	35.00
AVALON. (FD) Beautiful clear yellow. Commercial favorite, for cold weather.	18.00
BARBAROSSA. (FD) Outstanding cardinal red with crimson glow. Tall.	28.00
CLARA CLEMENS. (Ball) Bi-color. Med. sized red, white tips	20.00
COMMANDO (FD) Excellent deep lavender. Productive. Healthy.	20.00
D DAY (FD) Solid colored true pink. Medium size. Abundant.	22.00
DHUIL DU ROI ALBERT (FD) Favorite bi-color. Violet with white tips. Striking.	22.00
FIVE STAR GENERAL (FD) Large, light amaranth pink with tips of soft yellow.	32.00
FLORISTS BEAUTY. (FD) Fine bi-color. Purple with white tips. Keeps very well.	30.00
FRANCIS LA ROCCA IMPRVD. Deep yellow. Excellent keeper.	20.00
GALLANT FOX (FD) A leading commercial red. Can be successfully marketed in hot weather.	16.00
GOLDEN ECLIPSE. (FD) An old favorite hard to beat. Golden Yellow shading to warm salmon, Late.	20.00
JANE COWL (ID) Large shaggy flower of copper and gold. For the garden.	28.00
JERSEY'S BEAUTY (FD) Leading commercial pink.	28.00
LE TOREADOR. (FD) Deep glowing red flat flowers. Med. size. Strong stems.	16.00
MICHIGAN WHITE (SC) Extra fine commercial. Perfect white flowers on strong stems.	32.00
MRS. GEORGE LE BOUTILLIER. (FD) Giant rich velvet carmine. Long stems.	16.00
MRS. I. DE VER WARNER (FD) Old favorite orchid-lavender. A must in the garden.	16.00
NEW YORK MARKET. (FD) White shaded lavender. Profuse on tall, strong stems.	16.00
RED JERSEY. (FD) Excellent commercial red. Late	16.00
SCARLET LEADER. (C) Bright scarlet cactus. Holds color in brightest sunlight.	35.00
SNOWSTORM (FD) Pure white. Excellent commercial	28.00
THE COMMODORE. (ID) Bright lemon yellow. Flowers above foliage. Profuse.	16.00
WATCHUNG GIANT. (ID) Huge yellow. Constant performer in the garden.	18.00
WHITE KING. (FD) Leading pure white. Perfect form and substance. Good stem.	16.00
JEAN KERR. (FD) Popular white. Excellent keeper of medium size.	18.00

MINIATURE

AYESHA Bright orange. Good keeper.	22.00
BISHOP OF LLANDAFF. Bright scarlet. Bronze foliage.	28.00
CORALLETTE. Clear coral. Excellent cut flower.	22.00
DAINTY BALL. Very delicate lavender. Free flowering.	22.00
FAIRY. Clear pink formal. Tall, free flowering.	22.00
IKE. Rich red, very profuse. Fine cut flower.	17.00
LILY BELLE. Apple blossom pink, profuse, tall.	22.00
LITTLE LEMON DROP. Perfectly shaped formal lemon yellow	28.00
LITTLE REESE. Strawberry red. Small formal. Good cut flower.	20.00
LITTLE ROSEATA. Best soft pink cut flower	20.00
SANDRA. Red and white formal bi-color.	20.00
WHITE FAWN. Finest decorative. White. Free flowering.	16.00

POMPON

AMBER QUEEN. Solid amber color.	17.00
BRONZE BEAUTY. Bronze and old gold. Fine commercial.	17.00
EDITH MUELLER. Golden orange at base, salmon red at petal tips	18.00
LITTLE BUDDY. Canary yellow.	20.00
LITTLE EDITH. Light yellow tipped bright carmine.	20.00
LITTLE ELK. Rich shade of bronze.	22.00
LITTLE HERMAN. Red and white pompon.	17.00
LITTLE SNOW WHITE. Finest white pompon.	28.00
MARY MUNNS. Finest florist lavender.	17.00
MORNING MIST. Rosy lavender. White Base. Good florist variety.	17.00
RITA M. Bright orange red.	22.00
ROSA WILMOTH. Deep rose-pink.	22.00
ROTHOUT. Deep scarlet.	17.00
YELLOW GEM. Best creamy yellow.	17.00
YOULETTE. Light bronzy yellow.	20.00



BULBS FOR RESALE

FALL — 1960

• SPRING — 1961



Join the trend toward modern merchandising. Sell high quality SSS bulbs in easy-to-set-up display cases and attractive boxes or bulk. A small part of your store devoted to the sale of bulbs can be a profitable venture. Color pictures and promotional material are supplied with each order. Don't make your customers go elsewhere. This is what YOUR public wants. Get on the band-wagon NOW.

FALL BULBS IN DISPLAY CASES PREPAID TO DESTINATION

COLLECTION A. 1,000 TULIPS 12/up IN 10 NAMED COLORS WITH PICTURES, AS SPECIFIED BELOW, WEIGHT APPROX. 100 LBS.,
PER CASE \$50.00

COLLECTION B. 1,000 TULIPS 11/12 IN 10 NAMED COLORS WITH PICTURES, AS SPECIFIED BELOW, WEIGHT APPROX. 80 LBS.,
PER CASE \$45.00

Specification (COLLECTIONS A. & B.):—

100 Longstemmed Tulips	Red
100 Longstemmed Tulips	Pink
100 Longstemmed Tulips	White
100 Longstemmed Tulips	Yellow
100 Longstemmed Tulips	Lavender
100 Longstemmed Tulips	Black
100 Parrot Tulips	Fantasy
100 Rembrandt tulips	American Flag
100 Peonyflowering Tulips	Eros
100 Botanical Tulips	Red Emperor

COLLECTION C. 1,000 TULIPS, TOPSIZE ONLY, IN GOLD MEDAL VARIETIES WITH PICTURES AS SPECIFIED BELOW, WEIGHT APPROX. 100 LBS.,
PER CASE \$58.00

Specification (COLLECTION C.):—

100 Darwin Hybrids	F. D. Roosevelt, orange-scarlet base black
100 Darwin Hybrids	Gen. Eisenhower, orange-red
100 Botanical Tulips	Red Emperor, fiery red
100 Lilyflowering Tulips	Queen of Sheba, brownish red, edged orange
100 Lilyflowering Tulips	Maytime, reddish violet, base yellow
100 Parrot Tulips	Parrot Wonder, cherry red
100 Mayflowering Tulips	Queen of the North, white edged pink
100 Mayflowering Tulips	Mrs. John T. Scheepers, yellow
100 Darwin Tulips	Duke of Wellington, white
100 Darwin Tulips	Pride of Zwanenburg, salmon pink

COLLECTION D. COMBINATION DISPLAY CASE OF HYACINTHS, DAFFODILS, CROCUS AND MUSCARI WITH PICTURES AS SPECIFIED BELOW, WEIGHT APPROX. 100 LBS. **PER CASE \$48.00**

Specification (COLLECTION D.):—

100 Hyacinths	Red 17/18 cm.
50 Hyacinths	Pink 17/18 cm.
50 Hyacinths	Blue 17/18 cm.
25 Hyacinths	White 17/18 cm.
25 Hyacinths	Yellow 17/18 cm.
50 Daffodils	Yellow Trumpets Dn. & Rnds.
50 Narcissi	Red & White Dn. & Rnds.
250 Crocus	Mixed all colors 9/10 cm.
250 Muscari Hyacinths	Blue 9/10

Suggested selling price:

Hyacinths	each	\$.25
Daffs. & Narc.	each	.12
Crocus	each	.05
Muscari	each	.05

TOTAL SELLING VALUE — \$99.50

FALL BULB ASSORTMENT (September Shipment)

READY PACKED IN DISPLAY CASE

1100 BULBS AS LISTED

SPECIAL PRICE \$55.00 DELIVERED

TULIPS 13 CM UP

100 Princess Elizabeth	100 Red Emperor
100 Queen of the Night	100 Blue Parrot
100 Golden Harvest	100 Scarlet Leader
100 White Triumphator	
200 Crocus Mixed 9/10	100 Hyacinths Mixed 15/16
100 N. King Alfred DN #2	

SUGGESTED RETAIL PRICE

TULIPS — 1.00 Per Doz. — CROCUS — 50 cents Per Doz.

HYACINTHS & NARCISSUS — 2.00 Per Doz.

PRE-PACKED FALL BULBS 1960

PREPAID TO DESTINATION

UNIT E — NET BAGS

SPECIAL One case containing 1200 Jumbo Longstemmed Tulips, Mixed colors, pre-packed in 200 net bags, each containing 6 Giant bulbs; each bag labeled with picture and growing instructions.

A mixture of varieties. Giant bulbs 14 cm/up. Weight approx 130 lbs.

Per case (200) Bags \$67.00

UNIT F — BOXES

FANCY BOXES with pictures of contents and growing instruction

Contents per box:—

12 LONGSTEMMED TULIPS	separate colors or mixed	12 cm/up
12 PARROT TULIPS	Mixed colors	12 cm/up
12 BOTANICAL TULIPS	Red Emperor	12 cm/up
6 HYACINTHS	separate colors or mixed	15/16 cm.
6 DAFFODILS	yellow trumpet	Dn. & Rds.
20 CROCUS	all colors mixed	9/10 cm.
20 MUSCARI	Grape Hyacinths blue	9/10 cm.

COLORS LONGSTEMMED TULIPS: — red, pink, white, yellow and black.

COLORS HYACINTHS: — red, pink, white and blue.

SUGGESTED unit of 120 boxes:—

15 boxes	Longstemmed Tulips Red
10 boxes	Longstemmed Tulips Pink
5 boxes	Longstemmed Tulips White
5 boxes	Longstemmed Tulips Yellow
5 boxes	Longstemmed Tulips Black
20 boxes	Longstemmed Tulips Mixed
10 boxes	Parrot Tulips Mixed
10 boxes	Botanical Tulips Red Emperor
20 boxes	Hyacinths separate colors or mixed
10 boxes	Daffodils Yellow Trumpet
5 boxes	Crocus Mixed
5 boxes	Muscari Grape Hyacinths

120 boxes as listed total cost \$67.00



SSS

BULBS FOR RESALE

FALL — 1960

• SPRING — 1961

SSS

TULIPS from Japan.

Bulked packed. 100 or 250 per bag. Top size only. Tried and tested for several years. Excellent for garden sales. Large — evenly graded. Clean, bright bulbs with eye-appeal. "Tops" for Mother's Day cutting. Florists have forced them successfully.

All varieties 12 cm. Up

3.75 per 100 — 35.00 per 1000

5000 or more 32.00 per 1000

Extra large 13 cm. Up—add 2.00 per 1000 to above

DARWIN

ALL BRIGHT. Blood Red.
ARISTOCRAT. Deep Rose, lighter edge.
BARTIGON. Crimson Red.
BLEU AIMABLE. Bluish Heliotrope.
CITY OF HAARLEM. Brilliant Scarlet.
CHARLES NEEDHAM. Brilliant Scarlet.
CHERRY BLOSSOM. Cherry Red.
CLARA BUTT. Salmon Pink.
COTE d'AZUR. Violet.
DEMETER. Purple.
DORRIE OVERALL. Dark Petunia Violet.
DUKE OF WELLINGTON. Pure White.
FARNCOMBE SANDERS. Scarlet.
FEU BRILLIANT. Brilliant Scarlet.
FRANS HALS. Bright Purple.
GLACIER. Large Ivory White.
GOLDEN AGE. Deep Golden Yellow.
INSURPASSABLE. Lavender.
KATHLEEN PARLOW. Rose with pale margin.
LA TULIPE NOIRE. Purple Black.
MAMASA. Buttercup Yellow.
MADAME BUTTERFLY. Violet Purple.
MARGEAUX. Wine Red.
MR. VAN ZYL. Rose Pink.
NIPHETOS. Light Yellow.
PAUL RITCHER. Orange Scarlet.
PHILIP SNOWDEN. Light Rose.
PRIDE OF HAARLEM. Cerise Scarlet.
PRIDE OF ZWANENBURG. Bright Rose.
PRINCESS ELIZABETH. Rosy Pink.
PRINCESS ELIZABETH MAXIMA. Vivid Rosy Pink.
QUEEN OF THE NIGHT. Deep Velvet Maroon.
RED PITT. Bright Red.
SCARLET SENSATION. Scarlet Red.
SCOTCH LASSIE. Dark Lavender.
SUNKIST. Golden Yellow.
THE PEACH. Bright Pink.
WILLIAM PITT. Bright Scarlet.
WHITE GIANT. Large Pure White.
ZWANENBURG. Pure White.
FINEST MIXED. Blend of all colors.

COTTAGE

ALBINO. Pure White.
BELLE JAUNE. Indian Yellow.
G. W. LEAK. Scarlet.
GOLDEN HARVEST. Lemon Yellow.
INGA HUME. Red Flushed Yellow.
LEMON QUEEN. Lemon Yellow.
MARGORIE BOWEN. Buff and Salmon.
MRS. JOHN T. SCHEEPERS. Pure Yellow.
MARSHAL HAIG. Bright Scarlet.
ROSABELLA. Pale Rose.
ROSY WINGS. Radiant Pink.
WHITE CITY. Pure White.

TRIUMPH

ELMUS. Cherry Red edged White.
KANSAS. Snow White.
KORNIFORUS. Bright Red.
MAKASSAR. Canary Yellow.
NIVEA. Pure White.
PICCADILLY. Red edged White.
PRINCESS BEATRIX. Scarlet edged Yellow.
ROSE BEAUTY. Rose with White base.
TOPSCORE. Geranium Red.

PARROT

FANTASY. Salmon Pink.

MENDEL

ATHLEET. Pure White.

TULIP COLLECTION

(Bulk Packed)

Clara Butt
City of Haarlem
Demeter
Duke of Wellington
Glacier

Golden Age
Insurpassable
Keigerskroon
Margeaux
Philip Snowden

HOLLAND GROWN

Queen of the Night
Red Emperor
The Bishop
Wm. Pitt
Yellow Giant

1500 BULBS — 100 EACH OF VARIETIES LISTED

ALL TOP SIZE — SEPARATELY LABELED — PROMOTION MATERIAL
PICTURES SUPPLIED FREE

SPECIAL PRICE 67.00 — SUGGESTED RETAIL — 1.25 PER DOZ.

NEW DARWIN HYBRID TULIP COLLECTION

(BULK PACKED)

Dover
Oxford

Apeldoorn
Gudoshnik

(SEPTEMBER SHIPMENT)

Gen. Eisenhower
Empire State

F. D. Roosevelt
Holland's Glorie

ALL TOP SIZE — SEPARATELY LABELED — PICTURES FOR DISPLAY
SUPPLIED FREE

COLLECTION 50 EACH 8 VARIETIES LISTED (400) BULBS

SPECIAL PRICE	SUG. RETAIL
\$27.50	2.00 Per Doz.

HARDY NARCISUS COLLECTION

(BULK PACKED)

Actea
Mount Hood
Cheerfulness
Dick Wellband
Thalia

(SEPTEMBER SHIPMENT)

Scarlet Elegance
Mrs. R. O. Backhouse
Texas
Rembrandt
Tunis

ALL DOUBLE NOSED # 1. SEPARATELY LABELED
PICTURES FOR DISPLAY SUPPLIED FREE.

Collection 50 each 10 varieties (500 bulbs)

SPECIAL PRICE 48.00 Suggested retail 2.50 per Doz.

Hardy Lily Offer (Nov. to Mar. Shipment)

(Holland Grown — Packed in Display Case)

50 Regale 8/9 —
50 Tigrinum Splen-
dens 8/9 —
50 Rubrum 8/9
50 Regale Album
8/9
50 Henryi 8/9

250 BULBS
EACH SEPARATELY
LABELED
AS ABOVE LISTED
SPECIAL PRICE
\$60.00
DELIVERED

SUGGESTED
RETAIL PRICE
60 cents EACH

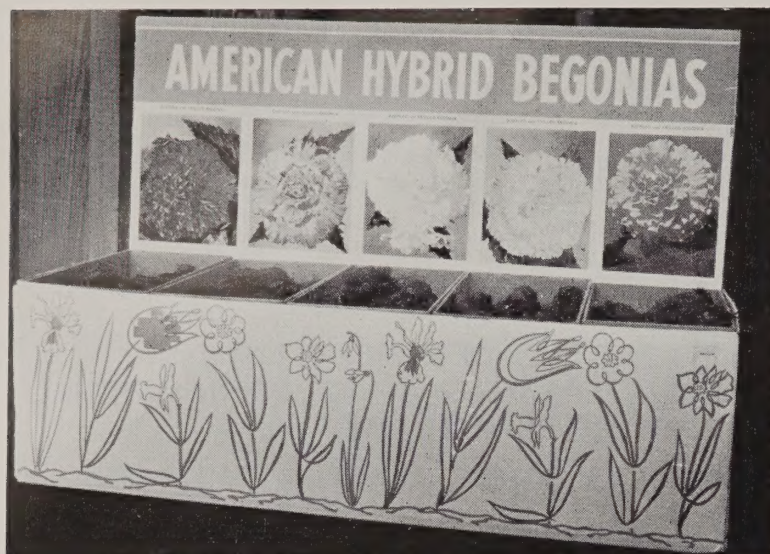




BULBS FOR RESALE

FALL — 1960

SPRING — 1961



BEGONIA ASSORTMENT (Feb. — April Shipment)

AMERICAN GROWN
COUNTER DISPLAY CARTONS

EACH VARIETY ATTRACTIVELY ILLUSTRATED IN COLOR

- COLLECTION No. 1 — NEW RUFFLED CAMELLIA (5 Colors Our Choice)
No. 2 — NEW ROSE FORM (5 Colors Our Choice)
No. 3 — FIVE NOVELTY TYPES (Our Choice) IN MIXED COLORS
No. 4 — HANGING BASKET (PENDULA) In 5 COLORS (OUR CHOICE)

ALL COLLECTIONS STANDARDLY PACKED AS BELOW:

- 1½—2" (200 Tubers 40 Each of 5) (Suggested Retail Price 45¢ Each)
2—2½" (150 Tubers 30 Each of 5) (Suggested Retail Price 60¢ Each)
2½" Up (100 Tubers 20 Each of 5) (Suggested Retail Price 95¢ Each)

PRICE SCHEDULE

- COLLECTION No. 1 — No. 2 — \$37.50 DELIVERED PER CARTON
COLLECTION No. 3 — No. 4 — \$40.00 DELIVERED PER CARTON

FANCY LEAVED CALADIUM ASSORTMENT

(MARCH TO MAY SHIPMENT)

READY PACKED IN DISPLAY CARTON

ATTRACTIVE COLOR POSTER OF EACH VARIETY

6 COMPARTMENTS EACH CONTAINING A SEPARATE VARIETY

150 BULBS (1½"—2½") 25 EACH 6 VARIETIES

PER CARTON (BULK PACKED) 30.00 DELIVERED

SUGGESTED RETAIL PRICE 45¢ EACH

GLADIOLUS

MARCH TO JUNE DELIVERY

COLLECTION 1000 BULBS — 100 EACH 10 VARIETIES (OUR CHOICE)

JUMBO SIZE 2" up — SEPARATELY LABELED

COLOR CARDS, POSTER FOR STORE DISPLAY

FREE WITH EACH COLLECTION

SPECIAL PRICE — 38.00 DELIVERED

SUGGESTED RETAIL PRICE — 1.25 Per Doz.

GLADIOLUS PACKAGED IN POLYETHYLENE BAGS

SELF SELLING — FULLY ILLUSTRATED IN COLOR

COMPLETE CULTURAL INFORMATION ON EACH BAG

JUMBO SIZE — PACKED 10 BULBS PER BAG

Elizabeth the Queen. Lavender	Silhouette. Smoky
Gold. Deep yellow	Spotlight. Yellow, Red Spot
Orange Gold. Orange	Snow Princess. White
Pactolus. Apricot, Red Blotch	Spic & Span. Ruffled Pink
Poinsettia. Scarlet	The Rajah. Ruffled Purple
Sans Souci. Deep Red	De Luxe Mixture.

VARIETIES MAY BE ORDERED AS DESIRED

	PRICE PER CARTON	Suggested Retail Price
Packed	Delivered	
50 Bags Per Carton	22.00	1.25 Per Bag
100 Bags Per Carton	40.00	1.25 Per Bag
150 Bags Per Carton	57.00	1.25 Per Bag

CHOICE — GLADIOLUS RAINBOW MIXTURE

JUMBO SIZE — ALL PRICES PER THOUSAND (DELIVERED)

PACKED 2000 OR 1000 PER CASE

		SUGGESTED RETAIL PRICE
BULK PACKING	31.00	25 Bulbs for 1.98 12 Bulbs for 1.15
100 Bulbs Per Bag	32.00	5.95 Per Bag (100)
50 Bulbs Per Bag	33.00	3.50 Per Bag (50)
25 Bulbs Per Bag	34.00	2.10 Per Bag (25)

POSTER FOR STORE DISPLAY SUPPLIED FREE

JAN DE GRAAFF WORLD FAMOUS GARDEN LILIES DISPLAY PACKED — OCTOBER TO MARCH DELIVERY

BULK PACK COLLECTION A-1

FOR THE GARDEN STORE
IN DISPLAY BOX WITH COLOR BANNER

	size		size
25 Enchantment	5/6	25 Mid-Century Hybrids	5/6
25 Fiesta Hybrids	5/6	25 Olympic Hybrids	6/7
25 Golden Chalice Hybrids	5/6	25 Valencia	5/6

A-1 150 Bulbs as listed — \$40.00 DELIVERED
Suggested Retail Price — 69 cents EACH

DISPLAY COLLECTION A-14

PACKAGED FOR THE GARDEN STORE WITH COLOR LABELS
IN SMALL BAGS OF 3 BULBS EACH

	size		size
Bellingham Hybrids	5/7"	Olympic Hybrids	5/7"
Cinnabar	5/6"	Prosperity	5/6"
Enchantment	5/6"	Tangelo	5/6"
Fiesta Hybrids	5/6"	Red Champion	6/7"
Golden Chalice	5/6"	Golden Clarion	6/7"
Mid-Century Hybrids	5/6"	Valencia	5/6"

Twelve Varieties Listed — Eight bags of EACH — Total — 96 Bags.
Packed in 2 Display Boxes with color labels and display banner

SPECIAL PRICE — \$85.00 DELIVERED

Suggested Retail Price — \$1.79 per Bag

CONNOISSEUR COLLECTION A-18

For Garden or For Resale

In small bags of one JUMBO bulb EACH

Packed in Polyethylene with color label

16 Bags EACH of varieties listed — TOTAL — 48 Bags Per Box

Varieties	Size	Cost	Suggested Retail
GOLD BAND LILY	8/9"	.75	1.50
PINK PERFECTION	8/9"	1.75	3.50
GOLDEN CLARION	8/9"	1.00	2.00

48 Bulbs, — 16 EACH Type, — \$48.00 DELIVERED

PACKED IN DISPLAY BOX

LILIUM RUBRUM (California Grown)

Specially grown for planting in early fall. Cured and dug early for
October shipment.

	Per 100
8/9" .....100 per case.....	32.00
9/10" .....100 per case.....	37.00
10/11" .....100 per case.....	40.00



PREPACKED AND BULK PACKED BULBS AND ROOTS FOR RESALE

PICTURES — EMPTY BAGS — PLANTING INSTRUCTIONS SUPPLIED FREE



CASE No. 21

NOVELTY INCARVILLAE DELAVAYI

HARDY PERENNIAL
COMMONLY KNOWN

AS

"GARDEN GLOXINIA"

100 CLUMPS PER CASE

20.00 DELIVERED

SUGGESTED RETAIL

.50 EACH



CASE No. 23

LIATRIS SPICATA (BLAZING STAR)

100 STRONG CLUMPS

19.00 DELIVERED

SUGGESTED RETAIL

.50 EACH

CASE No. 24

HARDY PHLOX

100 STRONG CLUMPS

4 COLORS

16.00 DELIVERED

SUGGESTED RETAIL

.50 EACH

DELIVERY
LATE FALL TO MAY

DISPLAY CASES BULK PACKED

DELIVERY
LATE FALL TO MAY

- Case No. **GLADIOLUS**
- 1—1000—(2" up jumbo) (10 Separate varieties) 100 Each
- 2—1000—(2" up jumbo) (5 Separate Varieties) 200 Each
- 3—2000—(1 1/4-1 1/2" No. 2) (5 Separate Varieties) 400 Each
- PRICE — CASES 1-2-3 — 40.00 DELIVERED
- Sug. Retail — JUMBO .96 per doz.
No. 2 .50 per doz.
- 4—1000—(1 1/2-2" No. 1) (10 Separate varieties) 100 Each
- PRICE — CASE 4 — 30.00 DELIVERED
- SUG. RETAIL .75 per doz.
- 5—500 RUFFLED GLADIOLUS
- Top size — 100 each 5 colors
- PRICE — CASE 5 — 22.50 DELIVERED
- SUG. RETAIL — 1.25 per doz.

BEGONIAS

- 6—SINGLE PICOTEE
- 100 Top Size Bulbs per Case
- PRICE — CASE 6 — 22.50 DELIVERED
- SUG. RETAIL .50 Each
- 7—DOUBLE CAMELLIA FLOWERED
- Large Bulbs — 2" up
- 6 SEPARATE COLORS
- CASE of 300 BULBS — 54.00 DEL'D
- CASE of 150 BULBS — 29.00 DEL'D
- SUG. RETAIL .50 Each
- 8—PENDULA (Hanging Basket)
- 100 Top Size Bulbs 1 3/4" up
- 4 SEPARATE COLORS
- PRICE — CASE 8 — 24.00 DELIVERED
- SUG. RETAIL .60 Each
- 9—FIMBRIATA (Double Carnation)
- 150 Top Size Bulbs 2" up
- 6 SEPARATE COLORS
- PRICE — CASE 9 — 29.00 DELIVERED
- SUG. RETAIL .50 Each

- Case No. **HARDY LILIES**
- 10—LILIUM FIRE KING
- CASE (50 Bulbs Size 7/8 Waxed)
- PRICE — CASE 10 — 20.00 DELIVERED
- SUG. RETAIL .85 Each
- 11—125 Large Bulbs — 8/9" Waxed
- 25 L. White Imperator — 25 L. Regale
- 25 L. Henryi - 25 Rubrum - 25 Umbellatum
- CASE (125 Bulbs as Listed)
- PRICE — CASE 11 — 30.00 DELIVERED
- SUG. RETAIL .50 Each
- 12 AMARYLLIS HYBRIDS — 4 Colors
- Del'd. Sug. Retail
- 24 Bulbs 9/10" per case 22.50 1.75 Ea.
- 16 Bulbs 10/11" per case 22.50 2.50 Ea.
- 13—ARUM CORNUTUM (Voodoo Lily)
- Del'd. Sug. Retail
- 100 Bulbs 10" up per case 20.00 .50 Ea.
- 150 Bulbs 8/10" per case 25.00 .40 Ea.
- 14—HYACINTHUS CANDICANS (Summer Hyacinth)
- Del'd. Sug. Retail
- 100 Bulbs 7" up per case 17.50 .40 Each
- 15—PEONIES WAXED 3 EYES UP
- Del'd. Sug. Retail
- 125 Clumps per case 40.00 .75 Ea.
- 75 Clumps per case 26.00 .75 Ea.

DAHLIAS WAXED

- 16—CACTUS TYPE (4Colors)
- 100 Clumps per case 20.00 Delivered
- SUG. RETAIL .50 Ea.
- 17—DECORATIVE TYPE (6 Colors)
- 150 Clumps per case 24.00 Delivered
- SUG. RETAIL .40 Ea.
- 18—POMPON TYPE (4Colors)
- 100 Clumps per case 20.00 Delivered
- SUG. RETAIL .50 Ea.
- 19—DICENTRA (Bleeding Hearts)
- Strong Waxed Clumps 4 Eyes up
- 50 Clumps per case — 19.00 Delivered
- SUG. RETAIL .75 Ea.
- 20—LILY OF THE VALLEY
- Strong Pips for Outside and Inside
- Wrapped 10 per package. Planted in Plastic Pot. Total 50 Pots (500 Pips) per case
- 30.00 Per Case Del'd. - Sug. Retail 1.25 Per Pot

DISPLAY CASE A

PEONIES

60 Roots Waxed 2/4 Eyes

Red - Pink - White

25.00 Delivered — Sug. Retail .85 Each

DISPLAY CASE B

LIATRIS "Blazing Fire"

60 Units of 2 Clumps Each

25.00 Delivered — Sug. Retail .85 per unit

DISPLAY CASE C

GLADIOLUS JUMBO SIZE 2" up

60 Units 8 Bulbs Each (Net Bags)

10 Bags Each — Red, Scarlet, Pink, White, Yellow, Purple

25.00 Delivered — Sug. Retail .85 Per Bag

DISPLAY CASE D

GLADIOLUS No. 1 1 1/2-1 3/4"

60 Units 12 Bulbs Each (Net Bags)

10 Bags Each — Red, Scarlet, Pink, White, Yellow, Purple

25.00 Delivered — Sug. Retail .85 Per Bag

DISPLAY CASE E

BEGONIAS CAMELLIA FL. 2" up

60 Units of 2 Bulbs Each

Colors — Yellow, White, Pink, Orange, Red, Scarlet

25.00 Delivered — Sug. Retail .85 Per Unit

DISPLAY CASE F

DAHLIA CLUMPS WAXED

60 Units (2Clumps) Large Decorative

Red, Pink, Yellow, Lavender, Orange, Two-Toned.

25.00 Delivered — Sug. Retail .85 Per Unit

DISPLAY CASE G

HARDY LILIES WAXED

60 Units 1 Bulb Each Size 9" up

White Imperator — Henryi

Rubrum — Regale

25.00 Delivered — Sug. Retail .85 Each

DISPLAY CASE H

HYACINTHUS CANDICANS

60 Units 6 Bulbs Each 5/6"

25.00 Delivered — SUG. RETAIL .85 per 6

DISPLAY CASE I

GLADIOLUS — In Boxes of 6 Bulbs

Unit of 100 Boxes 1 3/4" up

40 Boxes Mixed — 20 Red — 10 Pink

10 White — 10 Purple — 10 Yellow

30.00 Delivered — SUG. RETAIL .75 Per 6

DISPLAY CASE J

GLADIOLUS — In Net Bags (6 Bulbs 2" up)

100 Units — 40 Bags Mixed — 20 Red

10 Pink, 10 White, 10 Yellow, 10 Purple

27.50 Delivered — Sug. Retail .69 Per Bag

CARNATIONS

Carnation production has undergone many changes in the last ten years with the introduction of direct benching, methods of pinching, indoor culture, greenhouse cooling, liquid fertilization, etc. Various growers produce profitable crops with various production schedules.

1. PROPAGATION —

It is simpler and cheaper to buy SSS cuttings than to produce your own. Order them for the time you wish to plant.

2. BENCHING TIME —

Direct benching can be done with success any month with the possible exception of August, and may be given a pinch or two before allowing the plants to grow on to flowering.

Some growers prefer to pot the cuttings in Jiffy pots or bands and give one pinch before transplanting to the final bench location. This makes it possible to continue cutting flowers from the original benches through May and early June.

In either case, the grower does not put his plants out of doors where the plants may become contaminated with disease and insects.

Plant the cuttings in the soil at just about the same depth as in the propagating bench. If the plants are in pots or bands, plant so the top $\frac{1}{2}$ inch of the pot or band is above the soil in the bench to help prevent trouble with Fusarium stem rot.

3. PINCHING —

Several systems and procedures can be followed. Pinching helps to increase the size of plant and also has an important place in the timing of the flowering crops.

1. Single Pinch — The pinch is made high. Allow the cutting to grow 4 to 6 weeks; side shoots may be evident. Then remove the top of the plant leaving as much as 5 or 6 pairs of leaves if possible. The side shoots are then allowed to flower.

In general, with Sim varieties, rooted cuttings benched in June 5 to 15 would be ready for a pinch 4-6 weeks later, and would crop heavily in December with a few flowers in November and some in January. The comeback from this crop would give heavy flowering again in late spring (late May and June). During the winter flower production would be low.

2. First flower as a pinch — Let the cutting flower. Cut the flower with a short stem; this flower has many uses especially for the retail grower. Cutting the flower acts as a pinch.

3. Pinch and a half — The purpose of this method is to eliminate the heavy cropping and to spread out the flower production. The planting would be similar to the single pinch except a couple weeks earlier. As the new shoots develop in July and early August, half of the shoots would be given a pinch to force new side shoots which would flower in January, February and March.

4. Double Pinch — This system gives more spread out production throughout the winter and spring. Plant cuttings at a close benching space, or in Jiffy pots in March and April so a first pinch can be made in May and a second pinch in late June and July. Bench the plants in the final location in June. The different rates of growth of the various shoots will result in some flowers in the fall and heavier production in winter and spring months. If carnations are not desired in the fall months, then shoots can be pinched until the latter part of July forcing these shoots to branch and flower in the winter and spring.

4. SPACING —

Spacing depends on size of plants and number of breaks per plant, rather than a specific spacing for all sized plants. Figure on having 20 good shoots per square foot of bench area by July 15. If the plants average 4 shoots per plant, use a spacing of 4x7 inches which will give about 5 plants (or 20 shoots) per square foot.

If the plants are larger and have more shoots, the spacing can be increased. For single pinch plants, common spacings used are 4x4, 5x5, and 4x7 inches. For double pinched plants, 7x7, 7x8 and 8x8 are more common. For pinch and a half, 5x7, 6x6 and 4x9 are satisfactory.

5. SOIL —

Good soil preparation is essential. Amend previously used soils by adding $\frac{1}{4}$ by volume of a good fibrous grade of peat, and by applying superphosphate to the soil at the rate of 4 pounds per 100 square feet; mix both thoroughly into the soil. The pH should be between 5.0 and 7.0. Then steam the soil and hold it at a minimum of 180° in all parts of the bench for 30 minutes. As soon as the soil has cooled, the benches can be planted.

New sod soils also should have peat moss added. A soil test by your agricultural experiment station or commercial soil testing lab is recommended so you can find out what fertilizers should be added.

6. FERTILIZER PROGRAM —

Various programs will produce good carnations. Monthly soil tests serve as a guide to a fertilizer program. Applications of the 20-5-30 or 25-10-20 soluble fertilizer at the rate of 2 pounds per 100 gallons of water every 2 weeks in good growing weather and every 2 $\frac{1}{2}$ -3 weeks in darker weather will help maintain good nutrient levels. Give the soil a good watering with the fertilizer solution.

Some growers apply fertilizer in solution every time they water with a water robot. In this case, the water coming out of the hose will have about $\frac{1}{2}$ pound per 100 gallons. Either a tank and pump, or a proportioner can be used.

Another approach is to apply only single element fertilizers as shown by soil test. Muriate of potash at the rate of $\frac{1}{2}$ pound per 100 square feet supplies potassium. Use nitrate of soda (1 lb. per 100 sq. ft.) for nitrogen if the soil pH is below 5.8. Sulphate of ammonia at the same rate supplies nitrogen fertilizer. Potassium nitrate ($\frac{1}{2}$ pound per 100 square feet) is a good source of both nutrients. Organic fertilizers are not recommended because of the slow breakdown in cold carnation soils.

Boron may be needed. In some areas a lack of boron has caused increased splitting, abnormal flowers, and abnormal shoot growth. Since only a very small amount of boron is required and too much can give trouble, you should consult your experiment station.

Since the amount of fertilizer required to maintain optimum growth and flowering will vary according to time of year and rate of growth, size of plant, amount of watering and leaching, etc. in each grower's establishment, he must use his own judgement as he watches the appearance of the plants and their growth.

CARNATIONS

(CONTINUED)

7. WATERING —

Carnations grow and flower best if the soil has good drainage and is kept continually moist. Immediately after planting, moisten the soil well so the plants will have a good moisture supply while new roots are getting established. Keep water off the foliage to avoid possible disease.

Consider a semi-automatic watering device such as the SSS water robot, the plastic hose with holes or nozzles, pipe and fan spray nozzles, which are labor saving and reduce costs. Some growers apply fertilizer solutions through the watering system.

8. GREENHOUSE COOLING —

The fan and pad method of evaporative cooling has been the most effective; it is more effective in dry areas than in sections where humidity is high. Cooling not only is very helpful in getting newly planted benches off to a fast start, but also is very useful in maintaining high quality flowers in the warm spring and fall months.

9. TEMPERATURE —

Temperature in relation to light (weather conditions) affects quality. A night temperature of 50° with day temperatures of 55° on cloudy days and 60-65° on bright days is good for Sim and related varieties. In extremely cloudy weather, a night temperature of 48° improves strength of stem and flower size, which compensate for the somewhat slower development.

For some varieties, such as the Littlefield group, use a night temperature of 54-55°.

Occasional low temperature at night, or wide fluctuations from day to night, apparently increase splitting.

10. LIGHT —

One of the big advantages of some western carnation producing areas is light, especially during winter, when production is desired. Because light is important, be sure the glass is clean in the fall and winter; use a cleaner if necessary.

In summer, a very light shade for 7 to 10 days can be used to protect newly benched cuttings or plants if greenhouse cooling or misting is not available. During the rest of the year give full sun except possibly a very light shade to protect flowers in late May and June if cooling is not in operation.

11. DISBUDDING AND GRADING —

Removing side buds when small will throw the energy into the large terminal flower. With some varieties which are to be used for boutonnières or corsages, all of the buds may be allowed to flower. The individual flowers are smaller than if there were only one per stem but increased production offsets the lower price per flower.

Likewise some of the new miniatures such as Elegance are not disbudded; instead, only the center bud is removed.

Growers vary as to whether they cut with a knife or snap out the flowers. Either is okay. When harvesting the flowers, use good judgement as to whether the flower is cut above or below a new break, especially in the fall, when this new shoot can develop into a good spring flower.

After picking, put stems in water in a refrigerator at 34-40°F for a few hours before packing for shipment. Low temperature conditioning (storage) at 31° is satisfactory for holding flowers for 10 to 14 days as a marketing aid for holidays.

12. INSECT AND DISEASE CONTROL —

Red spider mites, aphids and thrips are the principal trouble makers. You started out with a clean cutting so keep it clean with a preventive control schedule. A drench with 1 pint of 23% Systox plus 1 pound of terraclor per 1000 square feet, using enough water to get good distribution, should be made 3 weeks after benching. Then the Systox treatment is repeated every 3 months. OR, a spray or Aerosol treatment with Parathion, Halathion, Kelthane or Aramite should be made 3 weeks after benching and repeated at monthly intervals. The Terraclor drench for disease control would be made separately as outlined above.

When thrips are a problem in warm weather, make weekly or even semi-weekly applications of Parathion, Malathion, or Lindane, because thrips will be continually coming in from outside the greenhouse.

The diseases **Fusarium** and **bacterial wilts**, **Rhizoctonia stem rot** and **leaf spot** and **branch rot** can be controlled. Steam sterilize benches and tools plus clean cuttings grown indoors in sterilized soil are essential for control of these diseases. Strict sanitation is needed. The Terraclor drench helps to prevent trouble from Rhizoctonia stem rot. Weekly spraying with Zineb or Captan (1 pound per 100 gallons) controls alternaria which should not be a problem if inside culture is used.

Carnation rust should not be tolerated since control can be obtained by keeping water off of the foliage and by spraying weekly with Zineb.

Greasy blotch is another disease which is not a problem if a regular spray schedule with Zineb or Captan is followed.

Botrytis flower spot can be prevented by proper watering and ventilating to prevent high humidity in the greenhouse especially at night.

Fusarium stem rot — Use sterilized soil and drench the soil with Panodrench to stop spread of disease if it appears. Since the drench may slow down growth temporarily, spot treatments rather than general applications are followed.

Viruses — Streak, yellows and mosaic should not be serious if clean healthy cuttings are planted.

CARNATIONS



CERTIFIED ROOTED CUTTINGS

YODER VARIETIES • NEW VARIETIES

CRYSTAL VIRGINIA HERCULES — White- (Pines Floral) First crops of Virginia varieties should seldom be permitted to flower in high temperatures. Using flats or nurse beds, plant rooted cuttings early in January, February or March. After benching continue fairly deep pinching up to early August. This builds a large, mature plant that yields maximum winter production and quality. Restricted by a three year agreement. **Price Y-15**

HELIOS — Clear yellow devoid of any pink or white. Strong straight stems. Not brittle. Non-splitting. Color intensifies with temperature and light. High cutting recommended to improve rate of return crops. Production equal to Midas. Opens rapidly and should be cut

tight for maximum keeping quality. Vigorous, and tolerant to warm areas in the greenhouse. Superb in Spring, Summer and Fall. **Price Y-13**

MARS — Red Intense scarlet. Beautiful form. Excellent size. High crowned flower. Dulls some under high temperature but size and form are superior to any red Sim. No white markings. Excellent keeping quality. Almost devoid of splits. Stems unusually strong in wide range of temperature and light. Production closely equals Sim but starts a bit later. Final pinch should be advanced 2-3 weeks when timing for Christmas. **Price Y-13**

PARIS — Picardy Salomon pink. Brilliant new color closely resembling Picardy Glad. No re-

flexing. Color holds up well year round. High crowned, large flower with wide serrated petals. Suited to low light areas. Blooms continuously with fast come-back. Vigorous grower. Production close to Apollo. Seldom splits. Compares favorably with Salmon Sim for shipping and keeping. **Price Y-13**

SILVANUS — Very large white, combines size and form of White Littlefield with vigor and habit of Sims. White Littlefield X Sim Seedling Keeps and ships with the best. Best grown at Sim temperatures. Strong stems. Comeback a little slower than Sims but development is rapid. Production superior to Littlefields. High first cut recommended. Buds cut tight develop beautifully. **Price Y-13**

Price for each variety is indicated by a price symbol in the description of the variety.

	Less than 500 cuttings PRICE per 100	500 cuttings & over PRICE per 100
Y-10	\$15	\$10
Y-11	\$16	\$11
Y-12	\$17	\$12
Y-13	\$18	\$13
Y-14	\$19	\$14
Y-15	\$20	\$15

Discounts from the list price indicated by the symbol are deducted in this order

1 QUANTITY DISCOUNT is the number of cuttings purchased from Yoder Brothers for shipment within a 52 week period.

7,500 to 12,450 cuttings.....	2%
12,500 to 19,950 cuttings.....	4%
20,000 to 29,950.....	6%
30,000 to 42,450.....	8%
42,500 to 56,950.....	10%
57,000 to 74,950.....	12%
75,000 cuttings & over.....	15%

2 EARLY ORDER PROMPT PAYMENT

DISCOUNT is determined by (a) the number of weeks an order is recorded at Yoder Brothers in advance of shipping date (b) and is available when invoice is paid within 28 days after date of invoice.

Less than 6 weeks	2%
6 to 9 weeks	5%
10 to 13 weeks	6%
14 to 17 weeks	7%
18 to 21 weeks	8%
22 to 25 weeks	9%
26 weeks or more	12%

IMPORTANT NOTE: The Quantity Discount is first deducted from list price. From the price remaining the Early Order Prompt Payment discount is rededucted.

All Yoder Carnation stock is grown on raised benches under glass in California. Bright days and cool nights have greatly improved quality. Cultured nucleus stock, single plant, and flower selection is done in Ohio under close supervision of a trained pathologist and geneticist. Production and research is separated to permit stronger specialization and provide full attention to details to achieve maximum quality.

ESTABLISHED VARIETIES

	Price Symbol
DARK PINK	
Imp. Sidney Littlefield. Dark pink	Y-12
Mentor. Rich, rose-pink.	Y-13
CRIMSON RED	
Cardinal Sim. Scarlet sport of Wm. Sim	Y-10
Colo. Red Sim. An improved Wm. Sim	Y-11
Dark Red Sim. Sport of Wm. Sim.	Y-12
Hill's Imp. Red Sim. Sport of Wm. Sim.	Y-12
*Mars. New. Intense scarlet. A life-saver	Y-13
Peterson's Red Sim. Sport of S. Arthur	Y-10
Large. Serrated.	Y-10
Red Gayety. Scarlet. Vigorous and productive. Standard red in Colorado	Y-10
Scania. Swedish Sim selection. Breaks lower. Shorter habit. High crowned flower.	Y-10
Siren. A bright scarlet	Y-12
Titan. An intensive crimson red	Y-12
Topper. Crimson red	Y-12
YELLOW	
Braun's Yellow Sim. Clear golden buff	Y-12
Brigadoon. Clear lemon yellow.	Y-14
Harvest Moon. Gold sport of Sim	Y-12
Helios. New. Best yellow yet.	Y-13
#2 Midas. Vigorous selection from Midas	Y-12
VARIEGATED	
Anniversary. Scarlet, flushed red	Y-12
Cassandra. Yellow var. pink pencilling	Y-12
*Exquisite. Lavender flushed purple, MINIATURE. Graceful for arrangements and corsages. Very productive and vigorous.	Y-12
Garnet Sim. Scarlet white pencilling	Y-12
Gayety. Flesh pink overlaid with bright red	Y-12
Lorraine. New. Portrait color with light frosting and narrow bands of white	Y-15
Sport of S. Arthur Sim.	Y-12
Mamie. White background with red	Y-12
Nectar. Orange yel. scarlet striping	Y-12
Orchid Beauty. Lavender and mauve.	Y-14
Peppermint Sim. Pure white, red pencilling.	Y-12

	Price Symbol
Pikes Peak Sim. Light scarlet frosted white	Y-12
S. Arthur Sim. Scarlet red on pure white	Y-10
WHITE	
Aurora. Exceptionally large white	Y-12
Colo. White Sim. Reselected White Sim	Y-11
*Crystal Virginia Hercules. New. Virginia Hercules sport.	Y-15
Electra. Large informal white	Y-12
Imp. White Sim. Large white	Y-10
*Silvanus. New. Looks like a winner.	Y-13
White Apollo. White sport of Apollo	Y-10
White Littlefield. Large white good form	Y-10
LIGHT PINK	
Aphrodite. A true light pink	Y-12
Ellen Marie. (New) Light pink sport of Dusty.	Y-13
Lt. Pk. Littlefield. Flesh pink. Select strain	Y-12
Peterson's New Pink Sim. A definite improvement.	Y-10
Pink Sim. Flesh-pink Sim sport	Y-10
Virginia Hercules. Light pink	Y-14
SALMON PINK	
Apollo. Salmon pink	Y-10
#2 Apollo. Improved Apollo, larger	Y-10
Athena. Salmon pink deeper than Venus	Y-10
Debbie. Salmon pink, Sim sport	Y-12
Dusty. Salmon rose with dusted overtones	Y-12
Flamingo Sim. Soft salmon pink	Y-12
Laddie Sim. Intensified Salmon Sim	Y-12
*Paris. New. Picardy salmon pink. Dependable.	Y-13
Portrait. Deep rose pink with salmon	Y-12
Salmon Athena. New. Reliable year round.	Y-13
Salmon Sim. Light Salmon. Sim sport	Y-12
*Shibuya Sim. Salmon. Holds color. Not sleepy.	Y-12
Shocking Pink. Deep salmon. Sim sport	Y-12
Venus. Salmon pink. Flawless color	Y-13

The varieties Virginia Hercules, Crystal Virginia Hercules, Helios and Silvanus will open in water at room temperatures when cuts are made at the tight bud stage. This is the stage when petals are extended but have not yet started to unfold. Some growers are substantially increasing their production and reducing space requirements in shipping with this procedure. Try a few and see how well it works.

ALL CARNATION VARIETIES MARKED * ARE PATENTED OR RESTRICTED, AND SUBJECT TO SIGNED AGREEMENTS.

S. S. SKIDELSKY & CO., Inc.



MINIATURES

— IDEAL FOR CORSAGES —

— GORGEOUS IN DELICATE ARRANGEMENTS —

*WHITE ELEGANCE. A NEW pure white sport of the well established Elegance.

*ELEGANCE. The "darling" of designers. Blush pink and white.
DOROTHY OBER. (Univ. of Conn.) A yellow with pink flecks.

SCARLET ELEGANCE. Salmon red sport of Elegance.

ROYALETTE. Seedling. Beautiful shade between Fuchsia and Purple.

\$22.00 per 100.

\$180.00 per 1000

EXQUISITE. Purple and white.

\$15.00 per 100.

\$125.00 per 1000

*Subject to signed agreements.

STANDARD VARIETIES

WHITE

Per 100 Per 1000

Hoosier Spice. Pure white fragrant	15.00	100.00
Iwata's White Sim. (250 or more)		150.00
Northland. Fine white	15.00	100.00
Olivette. Pure White.	12.00	90.00
White Apollo.	15.00	100.00
White Boston. Clear White. Sport Dk. Pink Boston.	15.00	125.00
White Sidney Littlefield. Pure white.	15.00	125.00
White Sim Imp. Selection from White Sim. Larger	15.00	100.00

LIGHT PINK

*Akawee (J. S. Yoder & Son) (South Wind) Shell pink with smooth edged petals and Charm form, 3-3 1/2" Vigorous. Breaks freely. Stiff stems. Medium height. Very free of splits 100-750	18.00	175.00
1000/up		175.00
Dusty. Pastel pink, sport of (Red) Wm. Sim Min 250 at	15.00	125.00
Hercules Virginia. Giant sport of Virginia	15.00	100.00
*Hoosier Desire. Clear light pink	15.00	130.00
Light Pink Littlefield. Select.	15.00	125.00
Nancy Thomson. Glowing light pink.	15.00	100.00
Peterson's New Pink Sim. Sport of Mamie Flesh pink	15.00	100.00
Shibuya's Light Pink. Holds color. (Min. 250)		150.00
Taffeta. Clear pink, sport of Mamie.	15.00	125.00

MEDIUM PINK

Citation. Rose pink, silver edges	15.00	125.00
Hoosier Princess. Lavender pink, large flower.	15.00	130.00
Lavender Rose. Seedling carrying 3 to 3 1/2 in. flowers	15.00	125.00

SALMON PINK

Apollo. Salmon Pink.	15.00	100.00
Apollo. #2 Salmon pink	15.00	100.00
Athena. Lustrous salmon pink	15.00	100.00
Flamingo Sim. Softer salmon pink than Shocking pink	15.00	125.00
Keefers Cheri Sim. Bright dark salmon pink	20.00	180.00
Laddie Sim. Salmon pink sport of Sim	15.00	125.00
Salmonaise. Sport of Hercules Virginia	15.00	125.00
*Shibuya's Sim. (250 minimum)		150.00
Shocking Pink Sim. Brilliant dark salmon. Sport of Sim	15.00	125.00

DEEP PINK

Boston. Dark pink. 2 1/2-3" flower	15.00	125.00
Imp. Sidney Littlefield.	15.00	125.00
Sparkle. (A. B. Shaw)	17.50	150.00
Virginia Rose. Rose pink.	15.00	100.00
Virginia Miller. Dark pink.	15.00	100.00

RED

Per 100 Per 1000

Cardinal Sim. Color similar to King Cardinal	15.00	100.00
Dark Red Sim. (Laisy's)	15.00	100.00
Jumbo Cardinal. King Cardinal sport. Brilliant red	15.00	130.00
*Majestic. Outstanding red, large full flower	20.00	150.00
Gayety Red Sim. New selection	15.00	100.00
Peterson's Red Sim. Sport of S. Arthur Sim.	15.00	100.00
Red #16. Bright red.	15.00	100.00
Red Sim.	15.00	125.00
Scania. European selection.	15.00	100.00
*Tom Knipe. A little deeper than King Cardinal	15.00	130.00
*William Sim. (Patten). Cardinal red.	15.00	125.00
Wooster Scarlet. Scarlet.	15.00	100.00

CRIMSON

*Chippewa. Crimson seedling, flower 3-3 1/2"	15.00	125.00
Congo. Crimson	15.00	100.00
Crimson King. Large Crimson full flower	15.00	125.00
Topper. Crimson red	15.00	100.00

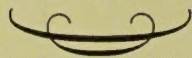
YELLOW

Corine. Clear, soft light yellow, sport of Sim	20.00	160.00
Harvest Moon. Orange yellow	15.00	100.00
*Hoosier Gold. Clear yellow, light pink stripes	15.00	130.00
Midas #2. Vigorous selection.	15.00	100.00
Miller's Yellow Imp. (Thomson). Reselected strain	15.00	100.00
*Pajee (J. S. Yoder & Son) (Golden Haired) Yellow with light pink flecking. Serrated petals. Stiff stems. Med. height. 3-3 1/2" flower. Rarely splits. 100-750	18.00	175.00
1000/up		175.00
Yellow Sim.	15.00	100.00

NOVELTIES AND VARIEGATED COLORS

Anniversary. Sport of Wm. Sim, slightly darker	15.00	100.00
Cooper's Var. Sim. Like Mamie, except more red	15.00	100.00
Flamingo. Soft salmon pink.	15.00	100.00
Gayety Sim. White, Red markings	15.00	100.00
Mamie Sim. White sport of Sim. With red markings	15.00	100.00
Peking Pink (Littlefield.) Deep pink to scarlet center.	15.00	100.00
Purple Littlefield. Littlefield sport royal purple	15.00	125.00
S. Arthur Sim. Pure white, fine red penciling.	15.00	100.00
*Sarah Jane Knipe. Rosy magenta with silver edges	15.00	130.00
Scarlet Sim. Red and white sport of Wm. Sim.	15.00	100.00
*Symphony. Mauve, purple stripe.	15.00	130.00
*Tetra-Sara Jane. Tetraploid-Magenta with silver edges	25.00	200.00
Variegated Lavender Littlefield.	15.00	125.00

ROSES FOR FORCING AND SPRING SALES



POT PLANTS FOR HOLIDAY SALES

1. Use strong **SSS** 2 year old budded plants with heavy canes, properly graded.

2. When plants arrive, put in pots large enough for the root systems after puddling (soaking) roots. Do not cut off roots unless damaged. If not potted immediately, hold in 33-35° storage. Figure on starting plants about 3 months before sale. Usually January 1 is o.k. for Easter sales and February 1 for Mother's Day.

3. Use a soil mixture of 3 parts soil and 1 part peat.

4. Prune out any broken or weak stems and prune tops (above Nodes) of hybrid tea, floribunda, and polyantha (baby rambler) varieties back to 6 to 8 inch height. Climbers should **not** be cut back at all.

5. Put plants in 50° greenhouse or storage shed for two weeks; then move to 58-60° greenhouse. Keep soil and tops of plants moist by syringing to encourage "breaking" of buds. Moist burlap holds humidity but must be removed as soon as growth starts.

6. When growth is 2 inches long, start feeding with complete fertilizer and follow a regular fertilization program.

7. Flowering time is controlled by temperature adjustment and pinching. Hybrid tea varieties pinched 6 or 7 weeks before sale should start to show color about a

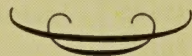
week before sale. Polyanthas given a pinch 8-9 weeks before sale for Easter or 7-8 weeks before Mother's Day should show some color 10-14 days before selling time, and be ready for sale 10 days later. Raising or lowering temperature will speed up or slow down the rate of growth. Pinch back plants not sold for Easter to flower again 6-7 weeks later.

8. **Insects** — Red spider mites can usually be controlled by regular monthly applications of Parathion, Malathion, or some other similar material. If you are not getting control, consult your Agricultural Extension Specialist. For aphids, use Lindane, or Malathion or Parathion.

9. **Diseases** — Mildew should be prevented. Keep humidity down by proper heat and ventilation. Vaporize sulphur OR spray with Karathane (4 - 6 ounces per 100 gallons of water) with a detergent for complete wetting.

10. **Varieties** — Polyantha and baby rambler varieties are listed on page 35 Hybrid teas that force well are Peace, Pink Peace, Nocturne, Sutter's Gold, Grand'mere Jenny, Love Song, Eclipse, and Mojave; Garnette is a good red floribunda. For climbers use Blaze, Bonfire and Paul's Scarlet.

The **Miniature or Tom Thumb** roses and Miniature Tree roses force well and are listed on page 36.



FORCING FOR MAY—JUNE SALES

In addition to a color poster, a color plate of each variety is given to you. Sell roses early, before flowering. This saves you money and gives customers added satisfaction.

1. Pot the dormant plants about 8 weeks before selling time. If the plants arrive before the potting date hold in 32-35° storage.

2. Use a good soil mixture and 7 x 9½" perennial pots (see page 61). Don't cut roots except trimming broken roots. Prune the tops back leaving 6 to 8 inches of growth above the crown where the plant was grafted. Plant to a depth so crown is even with the surface of the soil.

3. Moisten the soil and don't let soil dry out. Keep the tops of the plants moist to induce growth of the dormant buds. Grow at 58-60°. Plants can be moved out of doors when danger of frost is past. Start fertilization program after new shoots are 2 inches long.

4. Spray or fumigate plants regularly for disease and insect control.

5. A clean plant that has started to grow and flower is a plant that will surely give customer satisfaction. Tell the customer to remove the perennial pot before planting and to put the plant in the garden with the top of the soil ball one to two inches below the soil surface in the garden. Have them water the soil well around the newly set plant.

Before planting in the garden, several inches of peat moss and 5-10-5 fertilizer at the rate of 2 pounds per 100 square feet should be put on the garden soil and mixed thoroughly by spading to a depth of 12 inches. Hybrid teas and floribundas should be spaced 24 to 30 inches apart.

ROSES

FOR FORCING AND SPRING SALES

Fine robust 2 year plants with heavy canes, properly graded and packed. Shipped F.O.B. Penna. or New Jersey. Minimum order 50 plants Minimum 10 of a variety. Packing extra at cost. **If sold out of any varieties we will substitute unless requested not to do so.**
* THESE VARIETIES RESPOND READILY TO EARLY FORCING

ARLENE FRANCIS HT GOLDEN YELLOW 3.00	AARS DUET HT SALMON PINK CRIMSON REVERSE 3.50	AARS FASCINATING HT MULTICOLOR 3.00	GAIL BORDEN HT PINK BLEND 3.00	INVITATION HT SALMON ORANGE 3.00	AARS PINK PARFAIT Grandiflora PASTEL PINK 3.50	POLKA Floribunda MEDIUM PINK 2.50	SIMONE HT CLEAR ORCHID LILAC 3.00	SUSPENSE HT RED AND YELLOW BI-COLOR 3.00	VASSAR CENTENNIAL HT PASTEL PEACH 3.00
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HYBRID TEAS

LAVENDER

Retail Each	
2.75	TWILIGHT. Lavender silver reverse
3.00	SIMONE. Clear orchid-lilac.
3.00	STERLING SILVER. Lavender

PINK

2.25	DR. DEBAT. Pink
3.50	DUET. Salmon-pink, crimson reverse.
3.00	GAIL BORDEN. Soft yellow outside, glowing apricot inside. Opens to immense warm pink. Tall. Dark shiny foliage. 5 1/2-6" flowers.
3.00	FASCINATING. Multicolor
3.00	GARDEN PARTY. Pastel pink and white.
2.75	HELEN TRAUBEL. Light pink to apricot pink.
3.50	PERFECTA. {Kordes} Cream and pink
2.50	PINK LUSTRE. Cool pink exhibition, of quality. Strong, healthy, impressive 2 1/2-3".
2.50	PINK FAVORITE. Pink
3.00	PINK PEACE. Deep dusty pink
2.25	SHOW GIRL. Phlox pink
2.00	SUZON LOTTHE. Pearly pink & white.
2.00	SYMPHONIE. Shades of pink
2.75	TIFFANY. Pink. Fragrant
3.00	VASSAR CENTENNIAL. Pastel peach.

RED

2.50	CHRYSLER IMPERIAL. Huge Crimson
2.25	MIRANDY. Rich dark red
2.50	NEW YORKER. Brilliant red
2.25	NOCTURNE. Cardinal red
2.25	PRESIDENT EISENHOWER. Red
2.50	ROYAL VELVET. New deep red
2.00	SAN FERNANDO. Scarlet red.
3.50	THE ALAMO. Dark red
2.50	TORCH SONG. Iridescent red

WHITE

2.00	BLANCHE MALLERIN. Pure white
2.00	SLEIGH BELLS. White with cream cent.
3.00	WHITE KNIGHT. White
2.50	WHITE SWAN. White

YELLOW—ORANGE

3.00	ARLENE FRANCIS. Golden yellow. Fragrant, vigorous prolific. 5" bloom. Med. Ht. Very hardy. Glossy dark foliage.
2.75	AZTEC. Vivid scarlet-orange
2.50	BURNABY. Canary yellow and cream.
2.00	FRED EDMUND'S. Coppery orange
2.00	FRED HOWARD. Rich yellow edged light pink.
3.00	GOLDEN MASTERPIECE. Yellow
3.00	INVITATION. Rich salmon-orange.
2.50	LADY ELGIN. Orange-apricot
2.25	LOWELL THOMAS. Deep golden-yel.
2.00	PENNSYLVANIAN. Apricot-orange.
2.50	SUNLIGHT. Golden yellow
2.25	*SUTTER'S GOLD. Yellow with orange red shading.

TWO—TONE

2.50	CARLESS LOVE. Deep pink, white speck
2.50	CONFIDENCE. Peach toned pastel
3.00	FANTAN. Rosy tan
2.50	FORTY-NINER. Red inside petals, yellow outside
2.00	*GRAND'MERE JENNY. Pink and gold

PATENTED VARIETIES

TWO—TONE

Retail Each	
2.00	HUNTSMAN Red and orange-yellow
2.50	*LOVE SONG. Salmon pink and gold
2.75	*MOJOVE. Salmon, apricot and orange blend
2.50	*PEACE. Bright yellow edged carmine and pink
3.00	SUSPENSE. Red and yellow bicolor
2.75	TAPESTRY. Yellow and red.

The rate on patented varieties is determined by the number of each variety ordered, not total of all varieties.

FLORIBUNDAS

2.25	AMY VANDERBILT. Lavender lilac
2.50	CIRCUS. Multi-colored
2.00	FASHION. Peach pink
2.50	FIRE KING. New scarlet
2.00	FUSILIER. Bright red-orange.
2.00	GLACIER. White
2.00	GOLD CUP. Golden yellow
2.50	GOLDEN WINGS. (Shrub) yellow
1.75	GOLDILOCKS. Yellow
1.75	IRENE OF DENMARK. White
2.50	IVORY FASHION. New. Ivory white
2.00	JIMINY CRICKET. Orange
5.00	LAVENDER GIRL. New. Lavender
2.00	MASQUERADE. Multi-colored
1.75	PINK GARNETTE. Glowing rose pink
2.50	POLKA. Medium pink
1.75	RED FAVORITE. Deep red
1.75	RED PINOCCHIO. Red
2.50	SARABANDE. New orange-red
2.50	SPARTAN. Orange red
2.00	SUMATRA. Flashing red.
2.25	SUSAN BALL. New. Fragrant coral pink
2.00	VOGUE. Begonia-rose
2.50	*WHITE BOUQUET. White

GRANDIFLORAS

Retail Each	
2.50	BUCANEER. Brilliant unfading yellow
2.00	CARROUSEL. Velvety dark red
3.00	GOLDEN GIRL. New yellow
2.75	MONTEZUMA. Bright orange scarlet
3.50	PINK PARFAIT. Pastel pink
2.50	QUEEN ELIZABETH. Dawn pink
3.00	STARFIRE. Current Red
2.25	THE TEXAN. Fiery red

CLIMBERS

2.75	CL CHRYSLER IMPERIAL. Crimson
2.75	CL. CORAL DAWN. Coral pink
2.75	CL. CRIMSON GLORY. Red
3.00	CL. DON JUAN. Deep velvet red. 5" fragrant
2.75	CL. GLADIATOR. Deep pink
2.75	CL. GOLDEN SHOWERS. Yellow
2.50	CL. GOLDILOCKS. Yellow
2.50	CL. MORNING DAWN. Soft pink
2.50	CL. PEACE. Yellow and pink
2.50	CL. RED EMPRESS. Iridescent red
2.50	CL. SPECTACULAR. Orange scarlet
2.50	CL. SUTTER'S GOLD. Yellow with orange - red cast.

Price Of Dormant Patented Roses

	Wholesale Each		
Retail	10	20-90	100 up
1.75	1.00	.87 1/2	.80
1.85	1.05	.92 1/2	.85
2.00	1.10	1.00	.95
2.25	1.25	1.12 1/2	1.05
2.50	1.40	1.25	1.20
2.75	1.50	1.37 1/2	1.30
3.00	1.65	1.50	1.40
3.50	1.90	1.75	1.55
5.00	2.75	2.50	2.20
# 1 1/2 Grade—20% less			

FORCING ROSES

WELL GROWN, CAREFULLY HARVESTED FORCING ROSES FOR EARLY AND LATER FLOWERING F.O.B. OHIO SHIPPING POINT

Polyanthas or Baby Ramblers

DICK KOSTER, deep pink	
GLORIA MUNDI,, orange scarlet	
MARGO KOSTER, pink, orange, salmon	
MOTHER'S DAY ORANGE SPORT, vivid salmon	
MOTHER'S DAY, brilliant red	
PINK KOSTER, clear pink Margo Koster	
TRIOMPHE DE ORLEANS, cherry red	

	Per 10	Per 100
XXX Grade	8.00	70.00
XX Grade	5.50	48.00
Medium or No. 1 1/2	4.00	30.00
No. 2	2.50	20.00

Order 30 or more of a variety for 100 rate

Patented Floribundas

Strong Forcing Grade

	Pat. No.	Per 10
CAROL AMLING, pink	PAF	10.00
CRIMSON ROSETTE	901	9.00
PINK GARNETTE	1120	10.00
PINK ROSETTE	902	9.00

Non-Patented Floribundas

Strong Forcing Grade

	Per 10
GARNETTE, non - fading red	6.50
SUMMER SNOW, white	6.50
PINOCCHIO, pink	6.50

Climbing Roses

Heavy Selected XXX Grade

	Per 10	Per 100
BLAZE, red	8.00	75.00
BONFIRE, red	8.00	75.00
PAUL'S SCARLET, red	8.00	75.00

All varieties are stored in bundles of ten each so please order in multiples of that figure.

POTTED ROSES

NO SOIL - NO POTTING - NO LOSS
NO STORAGE :-: READY TO SELL
"HARDENED OFF AND BREAKING"
STRONG PLANTS :-: SPRING DELIVERY

Truck only from West Grove, Pa.
Write for descriptive price list

ROSES

FOR FORCING AND SPRING SALES

Fine robust 2 year plants with heavy canes, properly graded and packed. Shipped F.O.B. Penna. or New Jersey. Minimum order 50 plants Minimum 10 of a variety. Packing extra at cost. **If sold out of any varieties we will substitute unless requested not to do so.**

* THESE VARIETIES RESPOND READILY TO EARLY FORCING

STANDARD VARIETIES

HYBRID TEAS

WHITE

F. K. DRUSCHKI. Large ivory-white
K. A. VICTORIA. Snow-white, large double flowers.
McGREDY'S IVORY. Large creamy-white fragrant.
MME. JULES BOUCHE. White, tinged pink
REX ANDERSON. White

PINK

BETTY UPRICHARD. Two tone pink
CHARLOTTE ARMSTRONG. Rose -Red
GOOD NEWS. Copper pink
COUNTESS VANDAL. Salmon pink
MME. COCHET-COCHET. Coppery pink.
MME. HENRY GUILLOT. Raspberry pink
PICTURE. Pink
PINK DAWN. Pink, touched with salmon-rose.
PINK RADIANCE. Brilliant rose-pink, fragrant
THE DOCTOR. Large deep pink

YELLOW-ORANGE

AUTUMN. Orange
*ECLIPSE. Rich golden yellow
GOLDEN RAPTURE. Yellow
McGREDY'S YELLOW. Buttercup yellow, fragrant.

HYBRID TEAS

YELLOW-ORANGE

Mc GREDY'S SUNSET. Orange and Scarlet
MRS. E. P. THOM. Large deep yellow
*MRS. P. S. DU PONT. Golden yellow
SISTER THERESE. Deep chrome-yellow

RED

CHRISTOPHER STONE. Bright red
CRIMSON GLORY. Deep velvety-crimson
ETOILE DE HOLLANDE. Clear deep red
MARGARET McGREDY. Large orange-scarlet
McGREDY'S SCARLET. Brilliant scarlet shaded rose pink.
MRS. SAM McGREDY. Scarlet orange
POINSETTIA. Red
RED RADIANCE. Bright rose-red
TEXAS CENTENNIAL. Carmine-red
WILL ROGERS. Velvety crimson
ZULU QUEEN. Deep maroon

TWO-TONE

ANGEL'S MATEU. Orange-rose
BETTY UPRICHARD. Two-tone pink
CONDESA DE SASTAGO. Coppery-pink & golden yellow.
DUQUESA DE PENARANDA. Orange and peach.

TWO-TONE

EDITH NELLIE PERKINS. Two tone pink
GIRONA. Turkey-red-and yellow.
PRES. HOOVER. Yellow with pink and flame.
TALISMAN. Golden-yellow and copper-red

FLORIBUNDAS

BETTY PRIOR. Pink
FLORADORA. Scarlet-red
FRENHAM. Red
GARNETTE. Red
PINOCCHIO. Salmon flushed with gold
SWEETHEART. Light pink

CLIMBERS

CL. BLAZE IMP. Glowing scarlet
CL. ETOILE DE HOLLAND. Crimson
CL. GOLD RUSH. Bright Yellow.
CL. MRS. E. P. THOM. Yellow.
CL. NEW DAWN. Blush pink.
CL. PAUL'S SCARLET. Bright scarlet
CL. PINK RADIANCE. Pink
CL. PRESIDENT HOOVER. Red and Gold
CL. TALISMAN. Golden yellow, Copper-Red.
CL. WHITE DAWN. White.

PRICES FOR DORMANT STANDARD VARIETIES

Suggested Retail Each (Dormant)
1.75

	Per 10	30-240	250-990	1000 up
#1	.70 each	.65 each	.60 each	.58 each
#1 1/2	.60	.52 1/2	.48	.46

MINIATURE ROSES

SHIPPED SEPTEMBER THROUGH MAY
F.O.B. PENNSYLVANIA SHIPPING POINT

"A NATURAL" for Easter and Mother's Day — Either singly or in combinations. Requires 60 days at 60 degrees.

Miniature roses are permanently tiny, hardy outdoor plants, as hardy as regular H. T. Garden Roses. They should not be confused with Polyantha Roses. These miniatures grow only about 6 to 12 inches high, with blooms the size of a 5 or 10 cents piece when fully open. These plants are grown and shipped in plastic Poly-Pots (equivalent to 3" clay), individually labeled. No charge for packing-

SPECIAL COLLECTIONS

Collection A-1 50 Plants

25 Each
Pixie Gold. New Yellow
Pixie Rose. Deep Pink
1 collection 42.50
3 collections 39.50 Each

Collection A-2 100 Plants

* STAR SPECIAL *
Fine For Forcing
Ideal For Sales
50 Red Imp. Rich red
20 Bo Peep. Soft pink
15 Baby Gold Star. Golden yel.
15 Cinderella. Cream white
1 collection 67.50
3 collections 62.50 Each

Collection A-3 100 Plants

ECONOMY SPECIAL
20 Midget. Rose red.
20 Pixie. Dainty white
20 Robin. Deep red
20 Sweet Fairy. Light pink
20 Tinker Bell. Vivid pink
1 collection 57.50
3 collections 52.50 Each

Collection A-4 50 Plants

10 Each of Five Varieties
Listed in Collection A-3
Price 30.00

MINIATURE TREE ROSES
Assorted Colors
Each 2.00 — 50 up 1.85 Each

MINIATURE ROSE WHOLESALE & RETAIL

PRICE SCHEDULE

Variety	Pl. Pat. No.	Retail Price	Wholesale Price		
			10-24	25-99	100-249
*Pixie Gold	PPAF	2.00	1.00	.90	.85
*Pixie Rose	PPAF	2.00	1.00	.90	.85
Baby Gold Star	—	1.50	.75	.70	.65
*Bo - Peep	976	1.50	.75	.70	.65
*Cinderella	1051	1.50	.75	.70	.65
*Red Imp	1032	1.50	.75	.70	.65
Midget	—	1.25	.62 1/2	.60	.55
Pixie	—	1.25	.62 1/2	.60	.55
Robin	1663	1.25	.62 1/2	.60	.55
Sweet Fairy	748	1.25	.62 1/2	.60	.55
Tinker Bell	1293	1.25	.62 1/2	.60	.55

*Best For Forcing

AZALEAS

Azaleas are increasing in popularity for florist sales throughout the year. Some varieties such as the Kurumes and New Roehrs Hardy Varieties are excellent for Mother's Day sales and can be planted in the garden by the customer. "Hardiness" is affected by many factors; most evergreen or semi-evergreen varieties are not hardy in the severe climates of many northern areas.

Flower Bud formation — Azaleas form flower buds in warm days of summer. Later the plants must be exposed to cool temperatures for at least 4 to 6 weeks so the plants force easily and uniformly when put in the warm greenhouse.

Production of plants — Growers can purchase transplants in flats, or 2¼ inch size small plants which can be grown on to produce larger plants. Frequently larger sizes are lined out. Or he can purchase large dormant plants all ready for forcing. Many growers find it best to purchase dormant plants ready for forcing, since many varieties have to be 2 to 3 years old to flower properly.

DORMANT AZALEAS FOR FORCING

1. When received, soak the root balls thoroughly and store in a light and cool 45-50° greenhouse. Pot the plants using peat moss with good drainage. Keep the soil moist; dry soil causes leaf drop and injures flower buds.

2. **For Christmas** — Kurume varieties need at least 4 weeks of storage at 40°. Indica varieties need 6 weeks at 40°, usually in a refrigerator. At 40° lights are not necessary. Use pot grown plants, for Christmas forcing; there is less chance of root disturbance and leaf drop. After storage it takes 4 to 6 weeks to bloom depending on variety in a 60° greenhouse.

A summary of treatment is:

Kurume types — give four weeks storage at 40° and four weeks in a 60° greenhouse.

Indica type — give six weeks storage at 40° and six weeks in a 60° greenhouse. A grower producing plants in a cool section of the country may find that his plants get enough cool weather in early fall so plants can be forced starting November 1 without artificial cooling.

3. **For later forcing** — Keep the plants in a 40° greenhouse with some light shade to prevent reddening of foliage and leaf drop.

January blooming — start EARLY varieties in a 55-60° greenhouse about December 15; two weeks later raise to 70°.

February-March blooming — Allow 4-5 weeks at 60° or three weeks at 70°, using MIDSEASON VARIETIES; to hold for Easter, keep plants at 40°.

Easter blooming — Use LATE varieties and hold at 38 — 40° until about 2 or 3 weeks before an early Easter and 10-14 days before late Easter and then give warmer temperatures if needed.

Mother's Day blooming — Use LATE varieties such as Pericats and the new Roehrs Hardy Types and handle the same as for Easter. Refrigerated storage may be necessary to hold them back.

Growing on small plants — Transplants in flats are planted in beds of peat out of doors with some trimming to maintain good shape and to induce branching and a compact bushy top. The last pinching, except for occasional long shoots, is usually done by July 1 so there is time for more growth and bud initiation during the warm days of summer. Plants for Christmas sales are grown in pots plunged in peat beds.

Fertilize once every 4 weeks using a fertilizer such as the Azalea Acid Special (page 54) at the rate of 2½ pounds per 100 gallons of water — OR use alternate applications of ammonium sulphate at the same rate alternated with 20-20-20 (2 pounds per 100 gallons). If iron chlorosis (yellow leaves with green veins) develops, water the plants with a solution of a 12% iron chelate using 4 ounces in 100 gallons of water.

Continue fertilization until mid-September. During summer months, applications may be stepped up to once every 3 weeks.

Plants can be grown all summer in pots or in plant beds, either in the greenhouse or out of doors. In cool areas, growing in the greenhouse is necessary to get warm temperatures for good bud set. Plants out of doors can be grown in full sunshine if you make sure that watering and fertilizing are not neglected. If grown under some shade (lath house or plastic netting), remove shade in early August.

Plants grown in beds should be potted in August, and grown as cool as possible in the latter part of September and October either in greenhouses or coldframes. Protect from frost. Further handling would be similar to that outlined for DORMANT AZALEAS.

Immediately after planting out of doors, spray monthly with Malathion or Parathion alternated with Chlorobenzilate for insect control. For leaf spot control, add Ferbam to the insect spray. DDT or Malathion or Lindane are good for lace bugs.

DORMANT AZALEAS FOR FORCING

INDICA—Grafted, large flowered Belgian varieties, selected well shaped 3 yr. field grown plants. F.O.B. Northern New Jersey.

E	Early. Jan.-Feb.	L	Late. March-April.
E	*Can be forced.	M	Mid-season. Feb.-March
M	Albert & Elizabeth. Double white with pink border	7/8"	9/10" 10/12"
E	Alaska. Semi double. Pure white.	9/10"	10/12"
E	*Beatrice. Early double salmon red, darker than Paul Schame. Can be forced for Xmas	9/10"	10/12"
E	*Early Wonder. Double deep rose.....	9/10"	10/12"
E	*Eric Schame. Early salmon rose	9/10"	10/12"
L	Ernest Thiers. Semi-double bold crimson	9/10"	10/12"
M	Haerens Alba. Double white, with light pink	9/10"	10/12"
M	Mme. August Haerens. Double bright rose. Frilled white edge	9/10"	10/12"
L	Mad. John Haerens. Large double, deep rose	9/10"	10/12"
E	*Mad. Petrick. Christmas flowering double rose	7/8"	9/10" 10/12"
M	Mad. Vander Cruysen. Semi-double, carmine rose	9/10"	10/12"
E	*Memoria Sanders. Early dark red	7/8"	9/10" 10/12"
M	Triomphe. Double red with purple sheen	7/8"	9/10" 10/12"
M	Vervaeana. Double, large rosy salmon	7/8"	9/10" 10/12"
M	Vervaeana Alba. Large double, pure White	7/8"	9/10" 10/12"
	Assorted Varieties	7/8"	9/10" 10/12"
	7/8" 1.50 EACH	9/10" 1.90 EACH	10/12" 2.35 EACH

KURUME, PERICAT and small flowered INDICAS, heavy 2-3 year own root plants.

E	Coral Bells. Dainty coral pink, Semi-double
L	Hexe. Deep crimson, semi-double, Dwarf Indica.
M	Hexe De Saffelare. Crimson large flowers.
L	Hinodegiri. Carmine red. hardy
M	Rose Pericat. Rose pink.
E	Salmon Beauty. Salmon pink, hose in hose type.
E	Snow. Pure white, hose in hose type.
L	Sweetheart Supreme. Fine pink, resembles a Sweetheart Rose when opening. Pericat.
	5/6" .65 EACH
	7/8" .90 EACH
	8/10" 1.35 EACH

INDICA OWN ROOT, large flowered Belgian type.

L	Ernest Thiers.	M	Triomphe.
	5/6" .75 EACH		6/8" 1.00 EACH

RUTHERFORDIANAS, own Root Bush.

E	*Alaska. Semi-double pure white.
M	Constance. Early to mid-season. Large single cerise pink
M	Pres. Roosevelt. Bright salmon, hose-in-hose.
	7/8" .95 EACH

Prices quoted are on orders for 100 plants or more. Free truck delivery in metropolitan area. Longer distances at cost. Packing extra if by express. Discount on orders 1000 or more 10%.

Fall shipment to October only at above prices. Later deliveries out of storage, Nov. to Dec. subject to 10% additional; during Jan. 15%. Feb. 20% more, over fall prices on orders received prior to Sept.

HANDLING AFTER RECEIPT OF PLANTS: Thoroughly water rootballs and store in a light and cool, 45-50° greenhouse. Pot or plant in moist peat and never allow to dry out. For early blooming select plants with well developed buds. Forcing of CHRISTMAS varieties can begin in November at 60°, gradually increasing night temperatures to 70°, with frequent syringing to help buds to break, without blasting. EARLY varieties for January blooming start middle of December at 55-60° for 2 weeks, then increasing to 70°; MIDSEASON varieties for Feb.-March blooming allow 3 weeks at 70°; if wanted for Easter these may have to be held near 40°. Varieties marked LATE, to bring in for Easter, keep at 40° or slightly below, to keep the buds from moving, until about 3 weeks before Easter, then either apply heat, or hold back, as needed — if necessary applying shading.

NEW ROEHRS HARDY VARIETIES

L	Bauman's Mother's Day. Large hose-in-hose, rose.
L	Gov. Meyner. Fiery red, single.
L	Orchid. Rosy lavender, single.
L	Peggy Ann. Late hose-in-hose. Light pink center, dark pink edge.
	7/8" 90.00 per 100.

KURUMES, KAEMPFERIS, GABLES (Hardy Types)

F.O.B. Southern New Jersey

E	Coral Bells — hose in hose, light pink
EM	Hexe. Hose-in-hose light pink.
EM	Hinodegeri—single, cerise red
EM	Hino Crimson—single, crimson
EM	Snow—hose in hose, white
ML	Caroline Gable—hose in hose, cerise red
M	DA 117. Hose-in-hose, medium pink.
M	DA 123. Hose-in-hose, white.
ML	46G. Hose-in-hose, bright lavender.
ML	K7 — Hose-in-hose, light salmon
ML	Salmon Special—hose in hose, ruffled salmon
M	Maxwelli Alba — single white.
ML	Pink K. — Large flowered hose-in-hose.
M	Pink Mountain — Large flowered hose-in-hose, bright pink.
	3/5" 4/6" 5/7" 6/8" 8/10" 10/12" 12/14" 14/16" 16/18"
Sept.	Oct. ....43 .60 .80 .90 1.25 1.60 2.10 2.65 3.45
Nov.	Feb. ....50 .63 .85 .95 1.35 1.70 2.20 2.80 3.60
March	51 .66 .90 1.00 1.45 1.80 2.35 2.95 3.80
April	53 .68 .95 1.05 1.50 1.85 2.45 3.05 4.00

PERICATS and SEMI-HARDIES (Larger Flowers)

EM	Alice Mueller—Semi-double, bright pink
M	Dawn—hose in hose, light pink
M	Eastertide—hose in hose, ruffled salmon
EM	Pericat Salmon—hose-in-hose, Salmon, compact
M	Pink Supreme—hose in hose, medium pink
EM	*Red Wing—(Pat.) hose in hose, ruffled cerise red.
M	Splendor—hose in hose,
M	Sweetheart Supreme—semi-double, blush pink
	3/5" 4/6" 5/7" 6/8" 8/10" 10/12" 12/14" 14/16" 16/18"
Sept.	Oct. ....50 .63 .85 .95 1.35 1.70 2.20 2.80 3.60
Nov.	Feb. ....55 .70 .95 1.10 1.60 1.95 2.55 3.20 4.10
March	60 .78 1.05 1.20 1.75 2.10 2.80 3.50 4.45
	*.15 per plant additional.

INDICAS, Large Flowers (Not Hardy)

EM	ALBERT AND ELIZABETH. Double, salmon and white.
EM	CANDYSTICK. Double, red and white variegated.
M	JEAN HAERENS. Double, bright pink.
M	TRIOMPHE. Double, cerise red.
M	VERVAENEANA. Double, pink and white.
M	VERVAENEANA ALBA. Double, white.
	3/5" 4/6" 5/7" 6/8" 8/10" 10/12" 12/14" 14/16" 16/18"
Sept.	Oct. ....53 .85 1.05 1.35 1.85 2.40 3.00 3.70 4.55
Nov.	Feb. ....58 .93 1.15 1.45 2.05 2.65 3.30 4.10 5.05
March	63 1.00 1.25 1.55 2.20 2.90 3.60 4.45 5.50
	FOR POTTED DORMANT PLANTS (TO ABOVE PRICES) ADD
	4/6" 5/7 & 6/8" 8/10" 10/12 & 12/14" 14/16"
	.20 .30 .40 .60 .80

SORRY NO MORE THAN ONE THIRD OF ORDER MAY BE INDICAS

E	Early—Forces for Xmas if plants are precooled.
EM	Early Mid-season—good Jan. forcer.
M	Mid-Season—Forces from mid-Feb. on. (Valentine's Day)
ML	Late Mid-season—Forces from mid March on.
	Potted plants delivered in dormant condition.

Min. 10 plants of a variety and size. Truck delivery at nominal cost where possible, otherwise express, plus packing at cost. 250 and over write for price.

WRITE FOR LIST OF AZALEA ASSORTMENTS AND OTHER AVAILABLE STOCKS.

SMALL AZALEAS FOR GROWING ON

MINIMUM 50 PLANTS
OF ONE VARIETY AT 100 RATE
250 OF ONE VARIETY
SUPPLIED AT 1000 RATE

SPRING DELIVERY

F.O.B. NEW JERSEY

PACKING CHARGE
6% EXTRA
TRUCK DELIVERY WITHIN
LOCAL AREA AT COST.

Evergreen varieties, suitable for pot plants
2 1/4" size, grown in flats, nice bushy plants, May
-June shipment.

KURUMES	Per 100	Per 1000
Coral Bells. Dainty coral pink, semi-double	15.00	140.00
Hexe. Deep crimson, semi- double, dwarf	15.00	140.00
Hino Crimson. Crimson red, single, compact	15.00	140.00
Hinodegiri. Carmine red, hardy	15.00	140.00
Polar Bear. Hose - in - hose, compact, hardy, white	15.00	140.00
Salmon Beauty. Salmon pink, hose-in-hose type	15.00	140.00
Snow. Pure white, hose-in- hose type	15.00	140.00
Hexe de Saffelare. Larger crimson flowers	16.00	150.00

INDICAS—Large flowered Belgian type.

Albert & Elizabeth. Double white with pink border.	17.50	165.00
Jean Haerens. Large, double dark rose.	17.50	165.00
Triomphe. Double red with purple sheen.	17.50	165.00
Vervaeana Alba. Large double pure white.	17.50	165.00

F.O.B LONG ISLAND

KURUMES—For Jan.-Feb. delivery

TRANSPLANTS IN FLATS, 70 PER FLAT

CORAL BELLS	12.00	105.00
HINODEGIRI.	12.00	105.00
HINO—CRIMSON.	12.00	105.00
SALMON BEAUTY.	12.00	105.00
SNOW	12.00	105.00
PINK PEARL.	12.00	105.00
BRIDESMAID	12.00	105.00
SALMON BELLS	12.00	105.00
SWEETHEART SUPREME	14.00	125.00
HEXE	14.00	125.00
PINK GIANT (Pat.)	14.00	125.00
SALMON QUEEN (Pat.)	14.00	125.00
PRIDE OF DETROIT. Large red, hose-in-hose	16.00	145.00

PERICATS

Rose Pericat. Light pink, hose-in-hose, for early flg.	16.00	150.00
Sweetheart Supreme. Pink for later blooming	16.00	150.00

RUTHERFORDIANAS

Alaska. Semi-double pure white. Early.	17.50	165.00
Constance. Cerise pink, ruffled, single. Midseason.	17.50	165.00
President Roosevelt. Bright salmon. Hose in hose.	17.50	165.00

NEW ROEHRS HARDY VARIETIES

Suitable for Mother's Day flowering

Bauman's Mother's Day. Large hose-in-hose, rose	20.00	190.00
Gov. Meyner. Fiery red, single.	20.00	190.00
Orchid. Rose lavender, single.	20.00	190.00
Peggy Ann. Light pink center, dark pink on edges	20.00	190.00
Late hose-in-hose	20.00	190.00

AZALEAS F.O.B. FLORIDA

Minimum order 25 plants of any one size and variety.

	100 3/5"	100 4/6"	100 6/8"
CORAL BELLS. Light Pink	35.00	45.00	
HEXE. Deep Crimson	35.00	45.00	
PINOCCHIO. Pink	35.00	45.00	68.00
PINK PERICAT SUPREME. Medium Pink	35.00	45.00	68.00
SWEETHEART SUPREME. Fine Pink	35.00	45.00	68.00
ALICE MUELLER. Bright Pink	42.00	63.00	85.00
CONSTANCE. Cerise Pink	42.00	63.00	85.00
PRES. ROOSEVELT. Bright Salmon	42.00	63.00	85.00
ALBERT & ELIZABETH. Salmon & White	42.00	63.00	
TRIOMPHE. Red with Purple Sheen	42.00	63.00	85.00



CORAL BELLS

HEXE

TRIOMPHE

FOR EASTER AND MOTHER'S DAY

Daphne Cneorum (Rose Daphne)

Pot plants in good soil mix and hold
in cold greenhouse or cold frame. Force
in 50-55° greenhouse figuring about 8
weeks for Easter flowering and only about
5 weeks for Mother's Day. Keep tempera-
tures as near 50 as possible since high-
er temperatures give a very light pink
color. Daphne is a garden plant which
is satisfactory except in very cold cli-
mate.

DAPHNE CNEORUM

F.O.B. MASS.	10-25 Each	30-100 Each	125 up Each
5-7"	.90	.85	.80
7-9"	1.20	1.15	1.10
9-12"	1.45	1.40	1.35

Packing at cost — 5-7", & 7-9" 7c,
9-12"-10c per plant. Shipped in paper pots

DIELYTRA (DICENTRA)

Bleeding Heart

Clumps potted in a good soil mixture
are stored cool and then grown in 50°
greenhouse. Figure on starting forcing
7 to 8 weeks before flowering. Plants vary
in rapidity of growth and time of flower-
ing. The customer may plant bleeding
heart in the garden after flowering.

DIELYTRA (Dicentra, Bleeding Heart)

	Per 100	Per 1000
Spectabilis 3-5 eyes	42.50	400.00
5-8 eyes	55.00	510.00
8 eyes	65.00	

SPIRAEA (Astilbe)

Strong forcing clumps potted in 5 to 7
inch pots depending on size of plant are
held in 33 to 40 degrees until forcing
time. Will flower in 12-13 weeks when
forced at 60°F. In bright spring, a light
shade will help prevent bleaching of
flower color.

SPIREA (Astilbe)

Bonn. Red	Fanal. Red.
Gladstone. White	Rhineland. Crimson
Peach Blossom. Peach Pink	Gloria Superba. Deep Pink
42.50 per 100	400.00 per 1000

POINSETTIA STOCK PLANTS

1. Pot plants on arrival if possible. Do **not** store in refrigerator or cold shed. A 60-70° room is satisfactory. Use a soil mix of 1 part peat, 1 sand, and 1 soil with pH of 4.5 to 5.5. Mix in superphosphate at the rate of 3 pounds per cubic yard of soil. Steam the soil mix.

2. Use large containers — butter tubs, lard cans, half bushel baskets — or plant in benches. Put an inch of gravel in the bottom to insure good drainage.

3. Keep soil moist. Keep the tops of the dormant plants moist to induce "rapid" breaking of buds. A mist system does it automatically. Or put cloth or burlap over the plants until the buds grow.

4. Warm temperatures of 65-70° at night and 75-85° in the daytime make stock plants grow.

5. After 8-12 inches of growth, give the first soft pinch, and after 2 to 3 leaves form on the new breaks, give a second soft pinch. This cuts down the number of early cuttings, and increases the number of later ones.

6. To get maximum production of cuttings, allow each shoot to grow long enough so that after a cutting is taken, only two leaves remain on that shoot on the stock plant.

7. Keep stock plants well spaced because crowded plants give thin weak cuttings.

8. After growth starts, give a watering with a fertilizer solution using 25-10-10 at the rate of 3 pounds per 100 gallons of water

every two weeks until mid-June. After June 15, give weekly applications.

9. Propagation — Use 4 to 5 inch cuttings; cut between nodes or below the node. Stick in sharp sand, perlite, vermiculite or mixtures of these materials with an equal quantity of peat. Stick the cuttings 1½ to 2 inches deep and 2½ to 3 inches apart in rows with 4 to 6 inches between rows. Use light shade or better yet, use automatic mist and full sunlight. Cut down on the mist a couple days before potting. Bottom heat will speed up rooting, especially in late August and September.

Cuttings under mist can be rooted directly in peat pots if a loose soil mixture is used. Try it on a small scale until you learn how to handle the method.

Cuttings made in early July will make tall large pinched plants. Cuttings in the last half of July and the first half of August will give pinched plants for making up 7 to 9 inch pans.

Cuttings stuck the last half of August and in September make good unpinched plants. September cuttings are usually potted directly from the propagating bench into the finishing pot.

Pot cuttings as soon as roots are ¾ to 1 inch long. For early plants to be made up into pans, use 2¼ inch Jiffy pots.

10. It costs quite a bit to grow stock plants, propagate cuttings, and grow the small plants. It often is more economical to buy plants in 2¼ inch pots from SSS & Co. ready for final shifting to pans.

POINSETTIA

When 2¼ inch plants arrive, pan them in a well prepared soil of a 1-1-1 soil-sand-peat mix with a pH of 4.5 to 5.5. Mix in superphosphate (3 pounds per cubic yard of soil) and steam sterilize. Keep soil moist after planting to avoid leaf drop.

Plants panned in August and early September are given a soft pinch (just roll out the tip) one week after potting. The pinch induces branching and keeps down plant height. Plants received after September 10 should be grown single stem.

In a 6 inch pan, use 4 plants if not pinched, and 3 plants with a pinch. In 7 inch pans, figure 5 not pinched and 4 pinched. A 5 inch pan usually has 3 unpinched plants.

When panning, put a small empty pot in the center of the

soil so you can later put in a table fern plant (page 40). Careful! Don't crease or scratch plant or rot follows.

Grow plants with a 62° minimum night temperature and 75-80° day temperature.

Cooling plants in December is dangerous because temperatures below 60° can cause leaf drop and disease troubles. If in past years your plants have been early so that pollen was being shed when sold to the consumer, consider lighting a block of plants.

Give the plants 2 hours of light (minimum intensity of 5 foot candles from 11:00 p.m. to 1:00 a.m.) starting September 20 and ending October 10. This will delay flower bud initiation and will give peak quality at time of sale to the consumer. See that street lights are shaded or blooming may be delayed or prevented.

FERNS IN FLATS

TABLE FERNS — Shipped as grown in flats (approx. 150 Plants) per Flat—June to Sept.

PTERIS VARIETIES

	Per Flat
Adiantoides. Similar to small leaf Holly Fern	7.00
Argyraea. Large robust variegated broad leaf	7.00
Cretica Albo-Lineata. Leathery leaf with broad cream white center stripe	7.00
Flabellata. Dainty feathered foliage	7.00
Rivertoniana. Graceful lacy foliage, medium height (for small and medium Poinsettia pans)	7.00
Tremula. Robust grower, feathered leaf.	7.00
Victoria. Variegated dwarf	7.00
Wilsoni. Graceful light green fronds	7.00
Wimsetti. Narrow leaves, crested tips (for small to medium Poinsettia pans)	7.00
Assorted Pteris varieties	8.00

FERNS, OTHER TYPES. In flats.

Adiantum Wrightii. (Maiden Hair.)	
Fancy Gloriosum type	8.50
Aspidium Tsussimense. Dwarf for Terrariums	8.00
Asplenium Nidus-Avis. (Bird Nest Fern)	10.00
Cyrtomium Rochefordianum Compactum. Holly Fern.	10.00

Less 5% on 10 or more flats

FERNS

	Per 100
Table Ferns. From 2 inch pots. Aug.-Sept.	15.00
Winter Shipment	20.00
Ferns. From small pots. 2 inch	
Polypodium Mandaianum. Bluish gray	35.00
Adiantum Wrightii. (Maiden Hair)	30.00
Dwarf Boston, Scotti, Roosevelt, Verona, Tall Boston, Whitmani, Teddy Jr. Summer Delivery 2¼"	25.00



WILSONII, VICTORIA, RIVERTONIANA, TREMULA

POINSETTIA STOCK PLANTS

Orders placed after January 1st will be subject to 10% packing charge.
*Changes in orders accepted until Feb. 1, 1961.

Order now. All prices per 100 and are f.o.b. eastern cities, % Railway Express Agency on orders placed for spring delivery, except No. 4 plants. —Express direct to carry through successfully.

New Improved Ecke White U. S. Plant Pat. No. 1802

Very Wide Bracts Other Features Same as "Ecke White"

FIELD RUN (Supply limited) 180.00 per 100

Ecke Pink. Blooming and growing habits same as regular pink, but having long bracts similar to Oakleaf type.

Barbara Ecke Supreme. Patented variety sold under patent restrictions. The finest of all pot-plant varieties, for Central and Northern part of U. S. Bracts flexible similar to Oakleaf.

Indianapolis. Red. Exceptionally fine variety for the Southern States. Grows short and stocky.

Ecke White. Imp. Albert Ecke, Mrs. Paul Ecke, Oakleaf, Ruth Ecke.

Super Jumbo	180.00	No. 1	120.00	No. 3	60.00
Jumbo	150.00	No. 2	90.00	No. 4	40.00

Double Henriette Ecke, St. Louis.

No. 1	120.00	No. 3	60.00
No. 2	90.00	No. 4	40.00

2 1/4" July and Later	Per 100	Per 1000
Albert Ecke Imp., Ecke white, Ecke pink	22.50	200.00
Barbara Ecke Supreme	25.00	225.00

BEGONIAS

2 1/4" May and later 100 1000

Lady Mac Supreme. Sport of Lady Mac, with all its good qualities and so many new characteristics. Rich glowing deep pink bordering on Better Times color. Flower stems red. Flowers long lasting. Deep green veined foliage. Compact growth. Will develop in cooler temperature than other varieties and will be in prime condition for Xmas sales, if grown in night temperature of 56°. 45.00 425.00

Lady Mac. Fine rose pink 42.50 375.00

Marjorie Gibbs. Large clear self pink 42.50 375.00

Melior. 42.50 375.00

Less than 50 plants of a variety, at 50c each. Min. 25 of a variety.

Norwegian Begonias. Min. 50 of a variety.

Christmas Flowering. Non-Shattering. Larger deeper pink, some bordering on red.

Tove	Karoline	Spirit of Norway
Red Solheim	Dark Solbachen	Compacta
Marina		
Each above	47.50	425.00

Special collection of 50 plants, some of each variety, labeled 52.50 per 100—250 or more 475.00 per 1000

CYCLAMEN

Transplanted Seedlings in season	5-7 leaf	18.00	175.00
May-Aug. Pot grown	3 inch	40.00	375.00
May-Aug. Pot grown Selected	3 inch	45.00	425.00
June-Oct. Pot grown. Selected	4 inch	75.00	700.00

KALANCHOE

Tom Thumb 2 1/4" 22.00 200.00

PRIMULA OBCONICA 2 1/4" June and Later

Obconica Grandiflora.	12.50	100.00
Malacoides.	12.50	100.00

SAINTPAULIA

(African Violets) 2 1/4"

Single Varieties	27.50	250.00
Double Varieties	30.00	275.00

CHRISTMAS PLANTS

BEGONIA — Christmas and Lady Mac

Shift the plants into 5 or 6 inch pots in a soil mix of 1/3 soil, 1/3 sand and 1/3 peat. Grow in a 58-60° greenhouse. Make last pinch in June and early July. Stake the plants with split bamboo or round wood stakes (page 63).

Shade plants from early April to mid-September because high light intensity bleaches the leaves. Flower buds form in early October and the plants flower for Christmas sales.

Botrytis can be troublesome. Space the plants and set them on inverted pots to provide good air circulation. Also watch ventilation and temperature to prevent excessive humidity.

If mildew is a problem, spray with Karathane (3 - 4 ounces per 100 gallons plus a spreader). If plants are in bloom, wash off the spray with clear water after 30 minutes.

Insects can be controlled with monthly treatments with Malathion or Parathion or Sulfotepp.

CYCLAMEN

When received, the plants should be shifted into the final sized pot using a fibrous soil mix, carefully steam sterilized to prevent stunt disease. Keep the corm above the surface of the soil to help prevent crown rot. Elevate plants on upturned pots for more air circulation.

Shade plants from bright sun from April 15 to September 15 and grow as cool as possible. Remove shade in fall of year or you will get weak floppy plants. Grow at 48-50° during fall of year.

Fertilize plants lightly about once every 3 weeks in summer and every month in the fall using a 20-20-20 or similar fertilizer. Keep plants spaced to provide good ventilation and maintain high quality.

About one week after potting the plants, give 3 applications of Endrin or Kelthane (See page 64) at 10 to 14 day intervals at 1:400 with extra wetting agents. If cyclamen mites have been troublesome in past years, make another treatment in late August or early September.

FERNS

Various types are grown for use in dish gardens and plant combinations. The table ferns are excellent for "dressing up" poinsettias.

Ferns thrive best in a well drained soil, which is kept continuously moist. Some shade should be used in bright months to maintain good green color.

PRIMULA OBCONICA

When plants are received, shift from 2 1/4 to 5 or 6 inch pots and grow as cool as possible with 45-50° night temperature as soon as possible. Fertilize regularly. Some people are allergic to the plant and develop a rash.

SAINTPAULIA

Shift the plants from 2 1/4 to 4 inch azalea pots using a friable soil mixture of 1/3 soil, 1/3 sand and 1/3 peat.

Keep the soil moist. Since cold water causes spotting of leaves, use warm water, or water the plants from below by subirrigation. Keep at minimum temperature of 65°. Shade from bright sun so light intensity is 1000 to 1500 foot candles at brightest part of the day. Higher intensity causes light colored leaves, and less light gives few flowers.

EASTER - MOTHER'S DAY PLANTS

CALCEOLARIA

For Easter and Mother's Day, shift 2 1/4 inch plants to 5 or 6 inch pots and grow at 60° until about 4-4 1/2 months before desired flowering time. Then grow at 48-50°; low temperature causes flower formation and gives sturdier plants. Stake the plants to support the heavy flower heads.

CINERARIA

Shift 2 1/4 inch plants to 5 or 6 inch pots and grow cool as possible in the fall and continue in a 48-50° greenhouse. Higher temperatures cause legginess and soft growth in winter. Be sure to steam sterilize the soil and avoid using old chrysanthemum soils because of danger of Verticillium wilt. Keep plants well watered and fertilize every 2 to 3 weeks with liquid fertilizer.

GARDENIA

In May or June, plant three 2 1/2" plants in a 6 inch pot of 1/2 peat and 1/2 soil. Two weeks later fertilize alternately with ammonium sulphate (1 pound to 50 gallons) and 20-20-20 complete fertilizer (3/4 pound to 50 gallons) with applications every 3 weeks in summer, and 4 weeks in the fall. Use iron chelate for chlorosis.

Give last pinch about mid-July for the Christmas crop and mid-August for the spring crop. Grow at 62-64° in the fall for Christmas flowering. For the Easter crop, reduce the temperature to 58-60° for several weeks about 3-3 1/2 months before Easter, and then finish off with 2-2 1/2 months of growth at 62-65°F.

GLOXINIA

Shift the plants from bands or pots to 5 or 6 inch azalea pots and handle as outlined on page 43.

HYDRANGEA

Rooted cuttings for growing on

Pot rooted cuttings in 3 inch peat pots or bands. After 3 sets of leaves develop, remove tip leaving 2 or 3 nodes. After 3 sets of leaves are produced on side shoots, pinch again. Last pinch is usually not later than July 15, depending on geographical location.

If plants are to be grown continuously in pots, shift plants to 5 or 6 inch pots when rooted through the peat pots. If field culture is to be used, plant in rows out of doors as soon as danger of frost is past. Dig the field plants and put in final size pots the first two weeks of August.

Bud Formation — Hydrangeas form flower buds in early fall when temperatures become cool, i. e. nights around 60°F, and must have 6 weeks of growing with temperatures below 65°. In some northern states, hydrangeas must be grown in the greenhouse in summer to keep the plants warm enough that vegetative growth is produced up to September when flower buds are initiated by exposure to cool nights.

Storage — After plants have had 6-8 weeks of cool growing temperature and flower buds are well initiated, then the plants need cold dark storage (33-35°) for at least 6 weeks to cause leaf drop and maturing of the flower buds. This is usually from mid-October to December and is done in dark cold frames, storage sheds or refrigerated rooms. If mold starts in storage, spray with Captan.

Gassing with ethylene from wind fall apples to remove leaves is practiced. Use 1 bushel of apples per 400 cubic feet of storage space with 65° temperature. Then store plants cold for 6 weeks.

Forcing — After proper storage, the plants are grown at 60° night temperature. Figure about 3 to 3 1/2 months for Easter flowering.

Fertilization and flower color — Blue flower color is caused by aluminum in the plants. For good pink flowers, absorption of aluminum should be reduced as much as possible. Control color by proper fertilization. Aluminum is soluble in soils with low pH and is readily absorbed by plants. Aluminum is tied up in the soil by high amounts of phosphorus thus reducing absorption of aluminum by the plants.

For field growing have a soil pH of 5.5 to 6.0 and fertilize plants, which are to have **pink** flowers, with complete fertilizers such as 5-10-5 and 15-30-15. For plants to have **blue** flowers, use ammonium sulphate and muriate of potash or 25-0-25 low phosphorus fertilizer (page 64).

Fertilize plants grown continuously in pots, or of field plants at time of potting, as follows:

For pink and white flowers — Use high phosphorus fertilizer such as 15-30-15 alternated with nitrate of soda. The soil pH should be 6.2 to 6.5.

For blue flowers — Have soil pH of 4.5 to 5.0. Do not use phosphorus fertilizers. Use 25-0-25 alternately with ammonium sulphate. To supply aluminum, apply aluminum sulphate or aluminum nitrate (1 pound per 5 gallons of water) in early September and a second application after new growth starts in late December.

For iron chlorosis, use iron chelate the same as for azaleas.

Flower colors are given under the variety listing. For blue flower, select plants that react well such as Europa, Rosabelle, Kuhnert and Red Star.

Fall delivery plants for forcing — Soak plants when received in December or early January. Start plants at 55° for a week or two. Syringe the tops to induce new growth. Then grow at 60° night temperature. It is a general rule that flower buds will be the size of a small pea 7-8 weeks before Easter and the size of a nickel 4-5 weeks before the holiday. Strafford develops a little slower than other varieties.

If in color a week or 10 days before Easter, drop the temperature to 50-55°.

For Mother's Day, start plants in January and grow cool, or hold dormant in 33-35° storage until early February and grow at 55° through the spring. Some light shade is helpful in late April and early May when days are bright.

Watch watering carefully; especially after cloudy weather, one severe wilting can cause "burning" of the leaves.

Mildew — If mildew is already present, spray with Mildex or Karathane. Dusting or spraying with sulphur, along with proper ventilation, will prevent mildew. **Sulphur bleaches flowers**; do not use after blooms develop.

Control Red spider mites and aphids during summer by spraying every 7 to 10 days with Malathion or Parathion. During forcing, do **not** use Parathion because of danger of spots on leaves.



Hydrangea — Plant on right was given proper storage treatment before forcing. Plant on left had insufficient cold storage, needed to break dormancy.

HYDRANGEAS (Fall Delivery—for forcing)

*These Varieties Blue Easily.

*M ENZIONDOM. A new Pink *M MERRITT'S BLUE. A good Blue
M MERRITT'S PRIDE. A new Red

PRICES Per 100

3"	4"	4"	5"	6"
1 Shoot	1 Shoot	2 or More	3 or More	4 or More
55.00	70.00	90.00	120.00	150.00

Rooted Cuttings—Spring delivery 30.00 per 100

M MONTEFORTE PERLE. Carmine Red			M TODI. Dark Pink	
3"	4"	4"	5"	6"
1 Shoot	1 Shoot	2 or More	3 or More	4 or More
45.00	60.00	80.00	100.00	125.00

Rooted Cuttings—Spring delivery 22.00 per 100

Europa. Salmon pink			Drapes Pink		King George	
Hamburg. Carmine			Leopold III.		Pink to red.	
3" rose pot	100	1000	4"	100	1000	
1 shoot	50.00	400.00	1 shoot	55.00	450.00	
2 shoots	60.00	500.00	2 shoots	65.00	550.00	
3 shoots	70.00	600.00	3 shoots	75.00	650.00	
4 shoots	75.00	650.00	4 shoots	80.00	700.00	
			5 shoots	90.00	800.00	
5"			5"			
2 shoots	70.00	600.00	5 shoots	110.00	950.00	
3 shoots	80.00	700.00	5" or 6" 7-10			
4 shoots	90.00	800.00	shoots	135.00	1150.00	

Merveille. Light red.
Rosabelle. Rose pink.
Regula. White.

Prima. Light pink.
Sister Therese. White.
Strafford. Dark pink.

3" rose pot			4"		
1 shoot	50.00	400.00	1 shoot	55.00	500.00
2 shoots	65.00	550.00	2 shoots	70.00	600.00
3 shoots	75.00	650.00	3 shoots	80.00	700.00
4 shoots	85.00	750.00	4 shoots	90.00	800.00
			5 shoots	100.00	900.00
5"			5"		
2 shoots	75.00	650.00	5 shoots	110.00	1000.00
3 shoots	85.00	750.00	5" or 6" 7-10		
4 shoots	95.00	850.00	shoots	135.00	1200.00

Gertrude Glahn. Dark rose Kuhnert. Rose pink

3" rose pot			4"		
1 shoot	45.00	350.00	1 shoot	50.00	400.00
2 shoots	55.00	450.00	2 shoots	60.00	500.00
3 shoots	65.00	550.00	3 shoots	70.00	600.00
4 shoots	70.00	600.00	4 shoots	75.00	650.00
			5 shoots	85.00	750.00
5"			5"		
2 shoots	65.00	550.00	5 shoots	95.00	850.00
3 shoots	75.00	650.00	5" or 6" 7-10		
4 shoots	85.00	750.00	shoots	120.00	1050.00

ROOTED CUTTINGS—Spring delivery

Gertrude Glahn	*Kuhnert	Alpeglahn	Per 100	Per 1000
ALTOONA	*EUROPA	*HAMBURG	16.00	140.00
KING GEORGE	LEOPOLD III	SUPERBE	16.00	140.00
MERVEILLE	ROSABELLA	REGULA	16.00	140.00
SISTER THERESE	*STRAFFORD	PRIMA	18.00	150.00
MONTE FORTE PERLE	RAYMOND	DRAPES	18.00	150.00
3"—growing on stock—Spring			35.00	

GERMAN VARIETIES ASSORTED

3" 1 shoot	100	1000	4" 4 shoots	100	1000
4" 2 shoots	50.00	450.00	4" 5 shoots	95.00	850.00
4" 3 shoots	75.00	700.00		110.00	1000.00
Rooted cuttings	85.00	750.00			
				25.00	200.00

HAHN'S NEW HYDRANGEA RED CAP

FINEST TO HIT AMERICAN MARKET.

Sturdy Free Grower. Medium to Large-size Flowers. Medium Height.

Outstanding Color, Deep Pink to Red.

FORCING RANGE — Valentine's Day to Mother's Day.

	Per 100	Per 1000
Rooted Cuttings	35.00	300.00

CALCEOLARIA. 2 1/4 INCH. September to January delivery.

Easter Varieties—Seedling Type.

	Per 25	Per 100
Multiflora Nana. Excellent strain	6.25	20.00
Multiflora Nana. Gilbert's strain	6.25	20.00
Multiflora Nana. F-1 Hybrids	6.25	20.00
Triumph. Shades of yellow, orange, red, rose	6.25	20.00
Mixed.	5.50	18.00

Mother's Day Varieties—grown from cuttings

Greater New York. Shades of red, yellow, bronze, honey-dew, etc.	9.00	30.00
Mary Louise. Brilliant, carmine red, early	9.00	30.00
Pure Flame. Brilliant Flame Red	9.00	30.00
Pink Perfection. Rich Rosy pink	9.00	30.00
Stewartii. Canary yellow	9.00	30.00
Rosacker's Brilliant. Deep rich garnet red	9.00	30.00
Imp. Perfection. Yellow, orange and amber shades	9.00	30.00
Golden Talisman. Golden amber	9.00	30.00
Cherry Queen. Deep reddish pink	9.00	30.00
Suzanne. Canary yellow, blooming several weeks earlier than Stewartii	9.00	30.00

CINERARIA 2 1/4 INCH

	Per 100	Per 1000
Cremers Prize Strain	12.50	110.00
Siter's Rainbow Strain	12.50	110.00

GARDENIAS

Veitchii	2 1/4 inch	20.00	
	Jan.-June 2 1/2 inch	25.00	240.00

GLOXINIAS

We are now prepared to ship you Gloxinia seedlings and transplants year round which will give you one of the most popular blooming plants in the industry. It requires about 75 days to produce a good seedling, it then takes 60 days more to produce a good transplant equal or better than a standard 2 1/2" pot plant. To grow a good blooming 4" standard pot or 5" azalea pot plant, 70 to 90 days are required and for a 6" azalea pot plant, 15 to 20 days longer, when grown in a 65 degree house.

After three years of careful study in the growing of various Gloxinias we have selected the following varieties for their best bud count. These varieties produced for us in our trials as high as 14-20 buds per plant in 2 1/2" standard pots and 20-40 buds in 4" standard pots and 25-50 buds in 5" azalea pots and required no staking.

VARIETIES: Panzer Red, Switzerland, Emp. Frederick, Rose Sensation, White (Mont Blanc) and some Emp. William.

The demand for Panzer Red is about 5 to 2 of any other variety.

Mr. Panzer's full growing directions will be enclosed with each shipment of plants.

PRICES:

SEEDLINGS	\$12. per 100
TRANSPLANTS	\$20. per 100
	or \$180. per 1000
	as good and better than 2 1/4" potted
3" potted extra heavy	\$35. per 100
4" potted for growing on	\$55. per 100
5" potted for growing on	\$75. per 100
3" — 4" — 5" F.O.B. Greenhouse or Truck Delivery	

DOUBLE GLOXINIAS

DOUBLE RED — DOUBLE RED EDGED WHITE

2 1/2" PLANTS — 50 PER CARTON

45.00 PER 100

400.00 PER 1000

250 PLANTS OR MORE AT 1000 RATE

BEDDING PLANTS

Bedding plants are a good source of income. Use Jiffy pots Gro-tainers, or Tom Thumb flats so the product can be merchandised easily, and still give good consumer satisfaction.

Plant the cuttings, seedlings, or small plants in a soil mixture of 1/3 soil, 1/3 sand and 1/3 peat. Steam sterilize the mixture to eliminate weeds and possible disease. After the plants are established, start feeding every 2 weeks with 20-20-20 fertilizer solution using 2 pounds per 100 gallons. Keep the soil moist. Grow at 50-60° to keep plants stocky.

AGERATUM

Plants from cuttings are much more uniform in flowering, color and habit of growth than plants from seed. Grow at 50°.

BEGONIAS

Bedding or Semperflorens type — Grow at 55°. Some pinching keeps plants compact.

Tuberous rooted begonias — Excellent bedding plants for semi-shade spots in the garden. For culture, see page 21.

CALADIUM

Fine for semi-shady locations in the garden. For culture, see page 20.

CANNA

Start tubers in greenhouse in April and grow at 60° for May and June sales. If in Jiffy pots, they can be planted directly in the garden. See page 25.

COLEUS

A "must" for combination boxes and pots, and as a garden bedding plant. Grow at 60°. Some pinching will induce branching and bushiness. Grow this item in peat pots for easy transplanting. Best varieties are grown from cuttings.

DUSTY MILLER

Bedding plant with silvery gray green foliage. Grow at 55-60°.

DRACAENA

The Indivisa type has narrow slender green leaves which makes it a good plant for urns, vases, and various plant combinations. Grow at 60°.

FUCHSIA

Attractive showy plants with unusual flowers. Grows best in partial shade. Grow at 55-60°.

GERANIUMS

The old standby. Cuttings from SSS "cultured" stock give disease free plants if planted in steamed soil and kept clean. Don't grow clean stock in the same house with plants that may have disease. Plant unrooted (calloused or rooted) cuttings when they arrive "as is" shallow, in Jiffy pots. After thorough soaking, grow on "dry side."

Shift the 2 1/4" plants to 4 inch pots and keep soil moist. A 60° minimum night temperature will give most rapid growth. Running plants cold and with dry soil does **not** stimulate flowering. A good saleable 4" plant can be grown in 10 weeks at 60°, from an unrooted cutting.

Rooted cuttings can be potted as late as the latter half of March and give good 4 inch pot plants for May sales if grown at 60° minimum with a moist soil and light fertilization every 2-2 1/2 weeks.

Give good spacing to induce branching and prevent "legginess". Monthly applications of Malathion, Sulfotepp or Parathion will prevent trouble with white fly, red spider mites, and mealy bugs.

HELIOTROPE

A very fragrant, popular bedding plant and pot plant, which is more uniform from cuttings than from seed. Grow at 60° night temperature.

IMPATIENS

Another good bedding plant for partially shaded spots in the flower garden. Also good for borders and in combination plantings. Grows best at 62 to 65°. Some pinching helps shape up the plants.

LANTANAS

A plant that likes heat. Grow in a warm house, 60-65° minimum.

NIEREMBERGIA

Can be handled as a potted plant that the customer can plant in the garden for flowering all summer. Grow at 55-60°.

PELARGONIUMS

The showy or fancy geranium is best grown as cool as possible because flower petals fall, or flowers do not form well, at temperatures above 60° at night.

PETUNIA

Excellent for bedding. Double flowered, California Giant, and grandiflora types make excellent pot plants. Best growth at 50-55°. A 60° temperature will speed up flowering with tendency toward legginess. Keep soil moist and fertilize regularly. Running plants dry and starved **slows down** the flowering.

BEDDING PLANTS

AGERATUM

Blue Boy	Dwarf Pink	Magnolia		
Cardinal Mundelein	Blue Devon	Dwarf White		
Riverside Imp.	Purple Beauty			
Each above	Rooted Cuttings	100	1000	
	2 1/4 inch	3.50	30.00	
		12.00	110.00	

BEGONIAS 2 1/4" BEDDING OR GREENHOUSE

Adeline	Red Pearl Luminosa	Per 100	Per 1000
Carmen	Pink Pearl	14.00	130.00
Indian Maid	Snowbank	14.00	130.00
Double rosebud in red — pink — white		16.00	150.00
Coraline Lucerne	Each	25.00	
Geneva White or Scarlet			
Westport Beauty			
Rex Begonias Assorted		50.00	
Rex Begonias, Fancy-leaved European varieties, Perfect foliage. Plants for Easter and Mother's Day. Cartons of 50 plants — 7 to 10 varieties. Fall and later		35.00	300.00
Calla Begonia.			
Calla Queen. Dark pink, Var. Fibrous Rooted		30.00	250.00

COLEUS	Standard varieties	Rooted Cuttings	4.50	35.00
		2 1/4 inch	13.00	120.00

DUSTY MILLER.	Rooted Cuttings	6.00	50.00
	2 1/4 inch	13.00	120.00

DAISIES 2 1/4"

Boston Yellow Improved	14.00	130.00
Nicholson's Giant White	14.00	130.00

DRACAENA

Indivisa. Slender green leaf.	2 1/4 inch	13.00	120.00
	3 inch	22.00	200.00

FUCHSIAS

	Rooted Cuttings	100	1000	2 1/4 Inch
Bagdad, Black Prince	6.50	60.00	13.50	125.00
Little Beauty. Giant Pink	6.50	60.00	13.50	125.00
Pink Beauty. Pride of Orion	6.50	60.00	13.50	125.00
Double Varieties				
Hollydale. Lavender pink	6.50	60.00	13.50	125.00
Winston Churchill. Deep violet	6.50	60.00	13.50	125.00
White Hollydale. New	8.00	75.00	16.50	150.00

HELIOTROPE.

Old fashioned sweet scented	R.C.	6.00	50.00
	2 1/4"	13.50	125.00
Royal Fragrance	R.C.	6.00	50.00
	2 1/4"	13.50	125.00

IMPATIENS MIXED.	2 1/4"	13.50	125.00
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IVY. (German) Available in spring	R.C.	4.00	35.00
	2 1/4"	13.50	125.00

LANTANAS 2 1/4 inch

Assorted Varieties	13.50	125.00
Southern	13.50	125.00
	R.C.	7.00 60.00

NIEREMBERGIA SPECIOSA.	R.C.	6.00 50.00
	2 1/4"	13.50 125.00

PELARGONIUMS

Standard varieties. Best selection for pot plant culture.	R.C.	15.00 140.00
	2 1/4"	20.00 195.00
	3"	28.00 270.00
Premium Varieties.	R.C.	22.50
	2 1/4"	28.00
	3"	37.50

25 of a variety at 100 rate—250 of a variety at 1000 rate.

PETUNIA DOUBLE MIXED	R.C.	6.00 50.00
	2 1/4"	13.00 120.00

VERBENA BEAUTY OF OXFORD.	}	R.C.	5.00 45.00
Pink, Lavender, Scarlet, Cerise, Mayflower.		2 1/4"	13.00 120.00

VINCA VARIEGATED	R.C.	5.00 45.00
	2 1/4"	13.50 125.00
	3"	25.00
Select Strain 2 1/4"	15.00	130.00

GERANIUMS

EASTERN GROWN

2 1/4"—minimum 100 of a variety

Better Times. Red	Mrs. Escham. Salmon pink
Dark Red Irene. Vivid red. Sport of Irene	Olympic Dawn.
Enchantress Fiat	Olympic Red. Bright red
Fiat. Salmon pink	Picardy. Salmon pink
Imp. Poitevine. Salmon pink	Pink Olympic.
Irene. Red, Ricard color	Pride of Camden. Red
Irvington Beauty. Rose pink	Radio Red. Dark red
Madonna. White	Red Fiat. Bright scarlet
Mme. Buchner. Snow white	Ricard Improved. Scarlet
Mme. Landry. Apricot salmon	White Mountain. Large pure white.
Mrs. Lawrence. Pink	
Above varieties	16.50 per 100 150.00 per 1000
Ivy leaved Asstd.	17.50 per 100 160.00 per 1000

CALIFORNIA GROWN

START RIGHT with SSS Geraniums from CULTURED stock plants.

F.O.B. California. Delivery by AIR FREIGHT ONLY.

3000 cuttings goes at minimum transportation rate.

Minimum order 2000 cuttings.

When ordering, please indicate Airport nearest you, and your TELEPHONE NUMBER.

Avalon	Imp. Ricard	Pink Cloud	Salmon Ideal
Appleblossom	Imp. Red Fiat	Pink Fiat	Salmon Irene
Better Times	Irvington Beauty	Pink Phenominal	Salmon Supreme
Dark Red Irene	Mme. Buchner	Pride of Camden	Snowball
Genie Irene	Mme. Landry	Radio Red	Springtime Irene
Gregersen's White	Olympic Red	Red Fiat	T-V Red
Imp. Poitevine	Penny Irene	Red Landry	Victory

*Enchantress Fiat Ivy Geraniums Asstd.

Unrooted Cuttings 45.00 Per 1000

Calloused Cuttings 65.00 Per 1000

Rooted Cuttings 80.00 Per 1000

*No more than 10% of total order may be Enchantress Fiat.

Please specify clearly whether Unrooted, Calloused or Rooted cuttings are desired.

ANTIRRHINUM-SNAPDRAGON

Summer and hot weather varieties—For Greenhouse and cloth house growing grown in sterilized soil.

Hybrid varieties for Sept. and Oct. blooming. List of varieties and colors on request.

SEEDLINGS \$17.00 per 1,000

TRANSPLANTS: \$35.00 per 1,000

GYPSOPHILA BRISTOL FAIRY

TRUE DOUBLE WHITE FOR CUTTING	100	1000
GRAFTED PLANTS 1 YR. FIELD GROWN	50.00	
GRAFTED 2 1/4" POT GROWN	30.00	275.00

CHRYSANTHEMUMS—ONE OF OUR SPECIALTIES

Write For New Complete "Mum" Catalogue.

For 64 years S.S.S. and Co. have been supplying the highest quality Seeds, Bulbs and Plants to the finest Florists and Seedsmen in America.

Our firm and representatives are well qualified to assist you with the latest cultural practices, and aid in selecting varieties best suited for your markets.

This service is yours for the asking.

Always Remember: "Skidelsky's representative is on your staff but not on your payroll".

Introducing

MAINE BEAUTY

New — Beautiful — Profitable

Double Snapdragon

YELLOW — DARK ROSE

WHITE — PINK

RED

Easy to grow — just as easy as Single Snaps.

Complete instructions with each ship-

ment. Never shatters — Always

brings more than Single

Snapdragon.

These pictures do not do it justice.

Don't take our word — read these comments of people who know it:

Says A. D. Black — Assistant Horticulturist, Dept. of Agriculture, Augusta, State of Maine. "I have recently examined these plants at Mr. Brown's greenhouse and found them to be of very favorable Double Snap quality. The stems were straight, stiff and of a height suitable for commercial use. The florets display evidence of firm substance, indicating desirable keeping qualities. Mr. Brown's choice of colors has been in keeping with commercial Snapdragon tradition. The flower spikes were excellently proportioned. I was particularly impressed with the pink sport he has developed."

Says Mr. Lloyd J. Treworgy — The Milo Greenhouse, Milo, Maine. "I have been buying Double Snapdragons now for quite a few years and I find them beautiful for make-up work and very long-keeping. They also have the desirable characteristic of holding their florets. Unlike single Snapdragons, they do not shatter—at least that is my experience with them. Why they should be so different from Single Snapdragons in keeping, I do not know, but the fact remains that they are."

Says Mr. Robert J. Bennett, Mgr., Arnold-Fisher Co., Brewer, Maine. "Our customers feel it has far greater keeping qualities than Single Snaps. For home and hospital bouquets, as well as funeral work, it does not drop. The White are in big demand for wedding work; especially June weddings. The spikes are all more or less uniform with the blossoms well placed. From our personal point of view the Snap has far superior keeping qualities than single. The florets do not drop with age. Some of the largest flower spikes we have handled have been the Red Double Snap. Most of our customers who are familiar with Double Snap prefer them to Single Snap. It would appear to us that Double Snap has unlimited possibilities".

ROOTED CUTTINGS

\$160.00 per 1000

Minimum order 250. For best results, get enough
for a bench — as most customers have

Delivery October 1, 1960, to February, 1961.



Growing Suggestions for **MAINE BEAUTY** **SNAPDRAGON**

CARE OF CUTTINGS WHEN RECEIVED:

If the roots should be a little dry and plants are wilted, soaking the cuttings in an inch of water for about one hour will revive them greatly. If the cuttings have become heated in transit and some fungus has developed, it is a good idea to dip them in a solution of Fermate — (2 tablespoonsful to a gallon of water.) This dip will stop any further spread of the fungus.

SOIL:

The soil should be loose, open, and well-aggregated, to allow for rapid drainage of excess water, and permit maximum aeration. To maintain this friability in the soil it is well to add one to two inches of peat or well-rotted manure to the bed each year just before sterilizing.

PLANTING:

Shallow planting is essential. Plant the cuttings no more than an inch deep immediately after receiving them. Keep the roots of the cuttings protected at all times while planting. Exposure to hot sun will destroy the root action in a very short time. Be sure the soil into which the cuttings are planted is moist as the roots will wilt and die if the soil is too dry. Immediately after planting, water the cuttings well. Covering the cuttings with aster cloth in hot, sunny weather until the plants are established is advisable. Also, misting the plants with water the first few days will help prevent them from wilting. After the cuttings have taken hold, be sure they receive full sunlight.

PLANTING DISTANCE:

Plant the cuttings 7 x 8". While closer spacing will produce more stems per square foot the percentage of top quality spikes decreases, reducing the value of the entire crop.

FERTILIZING:

The following are the nutrient levels most often recommended.

Nitrogen	15 - 30 P.P.M. Spurway
Phosphorus	4 - 6 P.P.M. Spurway
Potash	20 - 30 P.P.M. Spurway
Calcium	over 100 P.P.M.
P. H.	5.0 to 7.0
Soluble salts, less than 150 at 1:2 soil water ratio	

In order to maintain their nutrient levels it is wise to periodically have the soil tested by a competent soil testing service. There are usually soil testing experts in most areas. Many of the agricultural colleges maintain complete laboratories for this purpose. When planting cuttings be sure soluble salts are low; if too high, leach well by applying 2 to 3 gallons of water per square foot.

WATERING:

Keep the soil moist but not soggy. During the winter, it would probably be best to run the plants on the dry side, but do not allow them to wilt at any time.

PINCHING:

When the plants are established, pinch out the growing tip, leaving 3 full pairs of leaves. Allow only 3 to 5 of the strongest breaks to develop to assure strong stems with long spikes of blooms. Plant 3 - 4 on the inside, 5 on the outside rows.

INSECTS AND CONTROL APHIDS OR PLANT LICE

INJURY: Aphids are sucking insects most active on the young growing parts of the plant. Leaves are crinkled and distorted from the feeding of these insects.

CONTROL: Malathion, Lindane or Parathion will control aphids.

THRIPS

INJURY: Young, growing leaves are distorted and wrinkled. The leaves become streaked with gray and specked with small brown-black dots when thrips are feeding on the leaves.

CONTROL: Malathion, Lindane, Parathion or DDT are the insecticides most frequently used to control Thrip.

RED SPIDER MITE

INJURY: Spider mites have sucking mouth parts, and plant tissue attacked by them become grayish in color. They are most often found on the underside of the leaves and in severe infestations fine webs may be seen.

CONTROL: Parathion, Aramite, Sulfotepp or Tepp, spray or bomb are effective in giving good control of spider mites.

A FEW COMMENTS BY THE ORIGINATOR

While **RUST** and **MILDEW** are fairly common maladies in "SNAPS" Mr. Brown, the originator of **MAINE BEAUTY DOUBLE SNAPDRAGON** says: "I have never had a Snap plant with any **RUST** in my greenhouses. As for **MILDEW**, I dust the plants lightly with sulphur when they are several inches high. That seems to take care of all the troubles that might develop. The only thing I have found that prevents a successful crop is overwatering. In fact, I find the **MAINE BEAUTY DOUBLE SNAP** the easiest crop to grow. Aphids are the only insect that bothers them, and they are easy to control."

"**MAINE BEAUTY**" Snaps seem to start slowly but make rapid growth at later stage of development. The stems grow soft until budded and then stiffen as the flowers develop.

"**MAINE BEAUTY**" Snaps are shatterproof. Not a floret has dropped on a million spikes.

DELAYED SHIPMENT

Occasionally a shipment is delayed in transit, causing the plants to stretch and turn yellow if heated, or in cold weather to freeze. In either case please file claim with the Air Line or Railway Express Co. **IMMEDIATELY**, and get an Inspection Report.

*No credit can be given or claim filed
without an inspection report.*

FOLIAGE and DISH



POTHOS WILCOXII



P. PANDURAEFORME



DIEF. AMOENA



DIEF. ROEHRsii



DIEF. HOFFMANI

GENERAL CULTURE — Most plants are grown at 65-70° when increased in growth is desired; when simply holding plants for sale, keep temperature at 60 to 65°. A light shade in winter and heavier shade in summer is needed to prevent light green color, and dry brown spots. If kept too dark, plants become stretched and weak.

A well drained soil of 50% soil and 50% peat holds moisture without excessive watering.

USE OF FOLIAGE PLANTS — Foliage plants are very popular not only for home use but also for hotels, banks, restaurants, office buildings and other locations where interesting decoration is desired.

For these purposes, rapid growth is not desired. There should be just enough moisture and fertilization to keep the plants in good color without stimulation of growth.

Some light is needed to keep plants alive. Incandescent and fluorescent light in buildings may supplement natural light or may provide the entire light supply for foliage plants since many will survive well under low light intensity if given for a long enough period. Information is available on the length of time that foliage plants remain in satisfactory condition with various low light conditions. (15 to 25 foot candles).

Most foliage plants grow well under medium light conditions, 25 to 50 foot candles. High light 50 to 100 foot candles. Those which will tolerate low light would be better with medium or high light. Some plants have specific uses or attributes which are indicated by the following key:

A—For adverse light conditions.

D—Good for dish gardens.

S—For dry situations with poor light.

W—Will grow in water.

(A,D) **ACUBA JAPONICA** — Green foliage speckled with yellow spots.

(A,S,D,W) **AGLAOMENA** — (Chinese Evergreen) grows in water or soil. **A. simplex** is green; **A. commutatum** is variegated.

APHELANDRA — A flowering plant with veinings on green leaves. Yellow waxy flower. Blooms in summer. Rapid grower.

(D) **ALUMINUM PLANT** (*Pilea Cadieri*) — New dwarf type, self branching, dense and compact, also bronze and silver types.

ARALIA SIEBOLDI

(A) **ARAUCARIA EXCELSA** (Norfolk Island Pine) — Slow growing upright plant.

(D) **BOXWOOD**

(D,S) **CACTI** — grow in rather sandy soil, kept on the dry side, and 60-65° temperature.

(A,S,D,W) **CHINESE EVERGREEN** — See *Aglomena*.

CHRISTMAS CACTUS (*Zygocactus*) — Should be grown cool for flowering. Temperatures of 70° in homes prevent flowering.

CISSUS ANTARTICA (Kangaroo Vine) — Excellent vine-like plant that survives with poor light.

CISSUS RHOMBIFOLIA (GRAPE IVY) — A good vine type plant for home use, where light may be poor.

(A,D) **CRASSULA ARBORESCENS** (Jade plant) will withstand adverse home conditions. Comes with green leaves and also variegated.

CROTON — Often drops leaves under the adverse low humidity conditions of a home.

(S,D) **CRYPTANTHUS TRI-COLOR** (Rainbow plant) — A bromeliad related to pineapple.

DICHORISANDRA REGINAE — Stiffly erect plant with waxy long pointed leaves, dark green with deep purple on underside.

(A,D,W) **DIEFFENBACHIA** (Dumb Cane) — **D. amoena** and **D. picta** survive with low light conditions.

Roehrsii should have medium light. **D. Hoffmanni** and **Exotica** are newer highly colored varieties excellent for medium light conditions.

DRACAENA — Excellent as specimens in dish gardens and planters.

Eugene Andre — Red leaved.

Godseffiana — glossy leaves, spotted creamy yellow white

Massangeana — an excellent foliage plant even under low to medium light. Has arching green leaves with yellowish green stripe along middle of leaf.

(A,D) **Sanderiana** (Ribbon Plant) — More upright smaller leaved type. Leaves green with white edges.

(A,D) **Warnecki** (*deremensis*) — green leaves with white stripes.

FATSHEDERA LIZEI — An upright plant with large ivy like leaves. Green, and variegated.

FERNS —

FICUS — Excellent as specimens and in planters. Best with fairly good light.

Dccora — Dark glossy green leaves similar to common rubber plant but larger and more striking.

Doescheri — Variegated with white and creamy yellow.

Elastica — Common rubber plant — Large green leaves.

Pandurata — Fiddle leaf fig — Attractive decorative specimen plant.

(D) **FITTONIA ARGYRANEURA** — A vine-like or low growing plant with green leaves with silvery white veins. Good for terrariums and dish gardens.



PEP. OBTUSIFOLIA
VARIEGATED



DIEF. EXOTICA

GARDEN PLANTS

(D) **GEOGENANTHUS UNDATA** (Seersucker plant) — Compact low growing, with dark green quilted leaves, reddish beneath.
IVIES — English Ivy types

(D) **LIGUSTRUM LUCIDUM** (privet) —

(D) **MARANTA KERCHOVEANA** (Prayer plant) — Grows best with 65° and light intensity of about 2000 foot candles.

(D) **OSMANTHUS AQUIFOLIUM** —

(A,D,W) **NEPHTHYTIS** (Syngonium) — Tends to be vine-like after vigorous growth starts.
Emerald Gem — green, arrowhead shaped leaves; stays short.

Green Gold — variegated

Imperial white

Liberica — trailing plant, with arrow head shaped leaves.

(D) **PACHYSANDRA** — Silver edged.

(A,D) **PALMS**, *Neanthe Bella* (Small Palm) — Grows well even in low light.

(D) **PEPEROMIA** — Excellent and medium light situations.

Dwarf, New strain — Green. Stays dwarf and branches freely.

Fosteriana — Attractive vine type with thick green leaves along reddish stems.

Obtusifolia — Standard fleshy green leaved peperomia for dish gardens.

Obtusifolia variegated — Yellow variegations.

Pericata — Upright plant with bright green leaves and reddish petioles.

Emerald Ripple — Small dark green leaf with a decided crinkle.

Royal Gold — Variegated type

Sandersii (Watermelon peperomia) Green and gray striped leaves.

(A,W) **PHILODENDRON CORDATUM** (Oxycardium) — A vine-type plant.

PHILODENDRON MICANS — A similar type with velvety reddish green leaves. Doesn't grow as well in poor light as does cordatum.

PHILODENDRON — LARGE LEAF VARIETIES

A popular item for planters and as specimen foliage plants.

Dubium — has medium light requirement.

(A) **hastatum** — the large arrow shaped glossy green leaves with rounded lobes make this a favorite.

Imbe — similar to hastatum but has pointed lobes, and some reddish color on lower side of veins and on petioles.

Mandaianum — a hybrid with glossy arrow shaped leaves and purplish-red stems.

(A) **Panduraeforme** — unusual fiddle leaf type with 3 lobed foliage.



MARBLE QUEEN
POTHOS

(A) **PERTUSUM** (Cut leaf philodendron) — large round perforated leaves.

Monstera deliciosa — cut leaf type similar to pertusum but generally larger leaves.

PILEA CADIERI — See aluminum plant.

(D,W) **POTHOS** (*Scindapsus aureus*) Requires lower humidity than Philodendron.

Wilcoxii — light green leaves with yellow blotches or streaks. Has medium light requirement.

Marble Queen — similar but blotches are lighter.

RUELLIA MIKOYANA — Trailing velvet plant.

SANSEVIERIA — This group will withstand adverse light and moisture conditions.

(A,D) **Hahnii** — true dwarf, compact, rosette type. Excellent in dish gardens.

(A,D) **Golden Hahnii** — cream to golden colored bands along edge of leaves.

(A,D) **Silver Hahnii** — leaves are a pale silvery green.

(A,S,D) **ZEYLANICA** — (Snake plant) taller growing plant with long sword-like upright green marbled leaves.

(A,S,D) **LAURENTII** — similar to zeylanica except that it has yellow bands along the sides of the leaves.

(A,D) **SCHEFFLERA** (Umbrella Tree) — A fairly large plant for specimens; small plants good for dish gardens. Has glossy umbrella shaped leaves.

SEERSUCKER — See *Geogenanthus*.

(W) **SPATHIPHYLLUM** — Dark green foliage. Grown mainly as a foliage plant, but has white waxy spathe-like flowers. Grows best with indirect sunlight.

(D) **SUCCULENTS**

SYNGONIUM — See *Nephtytis*

VITIS RHOMBIFOLIA — See *Cissus*.

IVIES

Hedera — English Ivy Types and

Vitis rhombifolia (Grape Ivy)

All grow well in good soil with a medium nutrient level, a good moisture supply, 60° minimum temperature, and light shade in bright weather.

Small plants are excellent in combinations. Larger plants make nice potted foliage material. Scale insects can be a problem and are controlled by Sulfotepp

SUCCULENTS AND CACTI

Very useful as small sales items, and in dish gardens. Usually grown in rather sandy soil, kept on the "dry side" and a 60-65° temperature with full sunlight.



S. ZEYLANICA



PILEA



NEPH. GREEN GOLD



P. PERTUSSUM



S. LAURENTII

FOLIAGE AND DISH GARDEN PLANTS



PHILODENDRON CORDATUM (2 1/4" POTS)

GROWER No. 1

F.O.B. FLORIDA

AGLAOENEMA

Communtatum

2 1/4" 4—8 leaves	25.00
Simplex (Chinese Evergreen)	
3—5" 3—5 leaves R.C.	8.75
4—6" 4—6 leaves R.C.	11.25
5—7" 4—7 leaves R.C.	15.00
6—8" 5—7 leaves R.C.	20.00
8—10" 6—8 leaves R.C.	25.00
10—12" 6—9 leaves R.C.	30.00
12—15" 6—9 leaves R.C.	35.00
U.R.C. 6—8" 5—7 leaves	10.00
U.R.C. 8—10" 5—8 leaves	12.00
2 1/4" 3—6 leaves	15.00

ARAUCARIA

Excelsa

Seedlings 4—6" 3 branches up	25.00
Seedlings 6—8" Ready for 4" pots	50.00

DIEFFENBACHIA

Picta

R.C. 4—7 leaves	28.00
3" 4—8 leaves	35.00
4" 5—7 leaves	75.00

Roehrsii

3" 4—8 leaves	40.00
4" 5—7 leaves	75.00

DRACAENA

Godseffiana

R.C. 2 tiers	10.00
2 1/4" 4—6 leaves	15.00

Sanderiana

R.C. 5—8 leaves	15.00
2 1/4" 4—8 leaves	20.00

MARANTA

Kerchoveana

R.C. 3—7 leaves	7.50
2 1/4" 4—8 leaves	15.00

Mokoyana — Division 3—5 leaves	EACH 1.25
3" 6—10 leaves	EACH 2.00

NEPHTHYTIS

Emerald Gem

R.C. 3—5 leaves	6.00
2 1/4" 4—7 leaves	10.00

Green Gold

R.C. 3—5 leaves	6.00
2 1/4" 4—7 leaves	15.00

Imperial White

R.C. 2—3 leaves	6.00
R.C. 3—5 leaves	8.00
2 1/4" 4—6 leaves	15.00

PALM

Neantha Bella Seedling—2 leaves	3.50
Seedling—3—5 leaves	5.00
Transplants 5—8 leaves	8.00
2 1/4" 4—6 leaves	15.00

PEPEROMIA

Obtusifolia

R.C. 3—5 leaves	6.00
2 1/4" 5—8 leaves	10.00

Variegata

R.C. 3—5 leaves	10.00
2 1/4" 5—8 leaves	15.00

GROWER No. 1

PHILODENDRON

Per 100

Cordatum

R.C. 3—5 leaves	6.00
R.C. 3—5 leaves (orders 500 up)	5.50
R.C. 2—3 leaves	4.00
2 1/4" 3—4 plants	16.00
3" 3—4 plants	25.00

Florida

3" 2 plants	60.00
4" 2 plants	75.00

Hastatum

R.C. 4—6 leaves	30.00
3" 3—5 leaves	50.00
4" 4—6 leaves	75.00

Imbe

Seedlings 4—7 leaves	25.00
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Panduraeforme

3" 6—8 leaves	50.00
4" 8—12 leaves	75.00

Pertussum

3" 4—5 leaves	50.00
4" 4—6 leaves	75.00
4" doubles 6—8 leaves	100.00

Selloum

3" 4—6 leaves	50.00
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PILEA

Cadierei

R.C. 4—7 leaves	5.00
2 1/4" 5—8 leaves	15.00
U.R. Tips 4—6 leaves	3.00

POTHOS

Silver Marble

R.C. 3—5 leaves	10.00
2 1/4" 4—6 leaves	20.00
3" 3 plants	45.00

Wilcoxii

R.C. 3—5 leaves	6.00
2 1/4" 4—6 leaves	10.00
3" 3 plants	35.00

SANSEVIERIA

Laurentii

4—6" 3—5 leaves	12.50
6—8" 3—5 leaves	12.50
6—15" 2 leaves	7.00

Zeylanica

4—6" 3—5 leaves	7.00
6—8" 3—5 leaves	7.00
8—12" 2 leaves	7.00
6—12" 2 leaves	6.00

COLLECTION OFFERS

COLLECTION #1

25 CHINESE EVERGREEN	25 PEP. VAR. R.C.
R.C. 3/5"	100 PHILO. CORDATUM R.C.
25 DRACAENA	25 NEANTHA BELLA SEEDLINGS
GODSEFFIANA R. C.	25 POTHOS WILCOXII R.C.
25 NEPH. EMERALD GEM R.C.	25 PILEA R. C.
25 NEPH. GREEN GOLD R.C.	25 SANS. LAURENTII 4/6"
25 PEP. OBTUSIFOLIA R.C.	
350 PLANTS AS LISTED	SPECIAL PRICE — 29.95

COLLECTION #2

25 DRACAENA GODSEFFIANA	50 PHILO. CORDATUM 2 1/4"
2 1/4"	25 PILEA 2 1/4"
25 PEP. OBTUSIFOLIA 2 1/4"	25 NEANTHA PALM 2 1/4"
25 PEP. VAR. 2 1/4"	
25 NEPH. GREEN GOLD 2 1/4"	
200 PLANTS AS LISTED	SPECIAL PRICE — \$31.95

COLLECTION #3

10 DIF. ROEHRsii 3"	10 PHILO. FLORIDA 3"
5 DRAC. MME E. ANDRE 3"	10 PHILO. HASTATUM 3"
OR OTHER	15 PHILO. PERTUSSUM 3"
50 PLANTS AS LISTED	SPECIAL PRICE — \$29.95

COLLECTION #4

6 PHILO. HASTATUM 4"	
6 PHILO. PANDURAEFORME 4"	
12 PHILO. PERTUSSUM 4"	
24 PLANTS AS LISTED	SPECIAL PRICE — \$19.95

FOLIAGE AND DISH GARDEN PLANTS

GROWER No. 2

F. O. B. Florida

POTTED PLANTS: Any one variety and size: 25 at "100" rate.
 ROOTED CUTTINGS & U.R.C.: Minimum Order "100".
 SANSEVIERIA: Any one variety and size: 250 at "1000" rate.
 Package Charge 50 cents per carton.

ACUBA	Pack	Per 10	Per 100
R.C. 4—5 leaves	200	.....	25.00
Goldiana			
R.C. 4—5 leaves	200	.....	15.00
3" pot	50	5.50	50.00
Japonica			
3" pot	50	4.50	40.00

DRACAENA			
Fragrans			
Unrooted Small	200	.....	20.00
4" Pots	25	6.00	50.00
8" Pots	4	.....	.....
Massangeana			
U.R.C. small 4—5 leaves	200	.....	22.50
Rooted Cuttings 4—5 leaves	200	.....	30.00
3" Pots	50	4.75	37.50
4" Pots	25	7.00	65.00
Warneckii			
U.R.C. small 8—10 leaves	200	.....	30.00
Rooted Cuttings 8—10 leaves	200	.....	37.50
3" Pots	50	5.50	45.00
4" Pots	25	7.00	65.00

FICUS			
Decora			
M.R.L.	20	7.00	60.00
4" Pots	20	12.50	100.00
8" Pots, 4 plants	4	.....	.....
Elastica			
M.R.L.	35	4.00	35.00
4" Pots	25	5.50	50.00
8" Pots - 4 plants	4	.....	.....
Pandurata			
M.R.L.	25	8.00	75.00
4" Pots	20	12.50	100.00
8" Pots - 4 plants	2	.....	.....

MONSTERA			
Deliciosa			
U.R.C. 3—4 leaves	50	.....	45.00
4" Pots	25	10.00	95.00
6" Pots — Double	12	22.50	200.00
8" Pots — Double	2	.....	.....

PHILODENDRON			
Cordatum Prop. Eyes	\$12.00 per 1000	2000	.....

PHILODENDRON			
Hastatum			
U.R.C. Medium 4—5 leaves	100	.....	25.00
R.C. — Medium 4—5 leaves	75	.....	30.00
3" Pots	50	4.50	40.00
4" Pots — Single	25	8.00	75.00
4" Pots — Double	25	10.00	95.00
6" Pots — Specimen	12	19.00	175.00
Mandianum			
U.R.C. — Medium	100	.....	25.00
R.C. — Medium	75	.....	30.00
3" Pots	50	4.50	40.00
4" Pots — Single	25	8.00	75.00
4" Pots — Double	25	10.00	95.00
Panduraeforme			
R.C. — Baby Pandas	200	.....	10.00
R.C. Medium 4—5 leaves	150	.....	12.50
R.C. Large 6—8 leaves	150	.....	15.00
3" Pots — 2 plants	50	4.50	40.00
4" Pots — 3 plants	20	8.00	75.00
Pertussum			
U.R.C. 3—5 leaves	50	.....	50.00
R.C. 4—5 leaves	50	.....	75.00
4" Pots — Single	25	8.00	75.00
4" Pots — Double	20	12.00	110.00
6" Pots — Double	12	.....	.....



PHILODENDRON FLORIDA

GROWER No. 2

SANSEVIERIA	Pack	Per 100	Per 1000
Laurentii			
6—9" 2 leaves	275	8.50	75.00
6—9" 2-3 leaves	250	9.50	85.00
6—9" 3-4 leaves	200	11.00	100.00
9—12" 2 leaves	250	9.00	80.00
9—12" 2-3 leaves	225	10.00	90.00
9—12" 3-4 leaves	200	12.00	110.00
12—15" 2 leaves	200	12.00	110.00
12—15" 2-3 leaves	165	13.00	120.00
12—15" 3-4 leaves	150	14.00	130.00
15—18" 2 leaves	175	13.00	120.00
15—18" 2-3 leaves	150	14.00	130.00
15—18" 3-4 leaves	125	15.00	140.00
18—24" 2 leaves	150	13.50	125.00
18—24" 2-3 leaves	125	15.00	140.00
18—24" 3-4 leaves	100	16.50	155.00
24—30" 2 leaves	150	14.50	135.00
24—30" 2-3 leaves	125	15.50	145.00
24—30" 3-4 leaves	100	17.00	160.00

SANSEVIERIA			
Zeylanica			
6—9" 2 leaves	275	6.00	50.00
6—9" 2-3 leaves	250	7.00	60.00
6—9" 3-4 leaves	200	7.50	70.00
9—12" 2 leaves	250	6.00	55.00
9—12" 2-3 leaves	225	7.00	65.00
9—12" 3-4 leaves	200	8.00	75.00
12—15" 2 leaves	200	6.50	60.00
12—15" 2-3 leaves	165	7.50	70.00
12—15" 3-4 leaves	150	8.50	80.00
15—18" 2 leaves	175	7.00	65.00
15—18" 2-3 leaves	150	8.00	75.00
15—18" 3-4 leaves	125	9.00	85.00
18—24" 2 leaves	150	7.50	70.00
18—24" 2-3 leaves	125	8.50	80.00
18—24" 3-4 leaves	100	10.00	90.00
24—30" 2 leaves	150	8.50	80.00
24—30" 2-3 leaves	125	10.00	90.00
24—30" 3-4 leaves	100	11.00	100.00

SPATHIPHYLLUM	Pack	Per 10	Per 100
Kochii			
R.C. 3-5 leaves	500	1.50	12.50
4" pots short	25	8.50	75.00

	EACH	EACH	EACH	EACH
	24"	36"	48"	60"
Cypress 1 side	2.00	4.50	6.00	9.00
Fernwood - 2 sides	2.25	7.50	11.00	.....

PHILODENDRON CORDATUM ON POLES	EACH	EACH	EACH
	24"	36"	48"
Cypress - 2 sides	2.00	4.00	5.50
Fernwood - 2 sides	2.25	4.50	5.75
Dracaena with Cordatum. Each 3.50			

FOLIAGE AND DISH GARDEN PLANTS

GROWER No. 3

F.O.B. FLORIDA

PHILODENDRONS	BR	3"	4"	6"
Burgundy		.75	1.25	2.00
Cannifolium	.25	.60	1.00	1.50
Emerald Queen	.25	.60	1.00	
X Florida	.25	.50**	.75	
X Florida		.40*		
	** (2 plants)		* (1 plant)	
X Florida Compacta	.25	.50	.75	1.50
Lacineatum	.25	.50**	.75	
		.40*		
	** (2 plants)		* (1 plant)	
Pittieri		.50**	.75**	
		.40*		
	** (2 plants)		* (1 plant)	
Selloum Type	2"			
2" pot grown	.20	.40	.75	
Gal. Tin Each .85	Egg can Each 2.50			
Trifolium		.50**	.75**	
Trifolium		.40*		
	** (2 plants)		* (1 plant)	
Florida				
R.C. — 22.50 per 100				
Lacineatum				
R.C. — 22.50 per 100				

PHILODENDRON —

B. R. Seedlings: — Large leaf varieties for dish gardens, one or more varieties, our choice, minimum order 250 150.00 per 1000

PHILODENDRON — Totem Poles

Includes Florida, Lacineatum, Pertussum, Hastatum Hybrids, and a brand new improved Mandianum hybrid. A few misc. varieties in limited numbers.

- 5" plastic — 15" slab — Each 1.25
- 6" plastic — 30" slab — Each 2.50

PHILODENDRON —

- Florida Beauty
- 2 1/2" — 40.00 per 100
- Florida Variegated
- 4" — Each 1.75

COLLECTIONS

PHILODENDRONS

	Per Coll.
#1—20 plants out of 4" pots —	
8 or more species & hybrids	22.50
#2—35 plants out of 3" pots —	
8 or more species & hybrids	22.50
#3—9 totems in 5" plastic,	
15" slabs — our selection	12.50
#4—10 plants out of 6" pots —	
5 or more species & hybrids	17.50
#5—20 plants out of 4" pots —	
5 or more species & hybrids	17.50
#6—35 plants out of 3" pots —	
5 or more species & hybrids	17.50

PACKING INFORMATION

Usually the following number of plants are packed per carton:

2"	100	6"	8 to 10
2 1/2"	55	6"	Totems 6
3"	35	Gal. Can	6
4"	20-25	Egg Can	2
5"	Totems 9		

AGLAONEMA TREUBII

RC - 6-8"	.25
RC - 8-12"	.35
3"	.60
6"	2.00

ALOCASIAS — Assorted varieties

3"	2.00
6"	5.00

ANTHURIUM ADREANUM

3"	.75
4"	1.25
6"	2.50

ANTHURIUM CRYSTALLINUM

2 1/2"	.35
4"	1.00

BROMILIADS with 3 branches of Norfolk Island Pine

6"	3.00
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CALATHEA Insignus

3"	.60
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CRYPTANTHUS TRICOLOR

RC.	.25-.35
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CRYPTANTUS ZEBRINA

2 1/4"	.35
4"	1.00

DIEFFENBACHIA EXOTICA

3"	.60
4"	1.00

DRACAENA FLORIDA BEAUTY

2 1/2"	.35
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ESPICIAS

2 1/4" Assorted	35.00 per 100
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HOYA CARNOSA (VARIEGATED)

2 1/4"	.35
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PLATYCERIUM

3"	1.50
6"	3.25

SPATHIPHYLLUM FLORIBUNDUM

B.R. for 2 1/2"	.25
3"	.60
6 - 12" seedlings	15.00 per 100
	130.00 per 1000

TRADESCANTIA FUSCATA

3"	.60
RC.	.35

TRICHOSPORUM PULCHRUM

RC.	.08
6"	2.00

TRICHOSPORUM SPLENDENS

2 1/2"	.50
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PHILODENDRON SELLOUM

FOLIAGE AND DISH GARDEN PLANTS

GROWER No. 4

F.O.B. FLORIDA

PHILODENDRON	Per 1000
Cordatum	
R.C. 3-4 leaves (500 per box)	60.00
R.C. #2 Grade smaller leaves	48.00
2 1/2" Plastic (100 per box)	
(3 plants)	170.00
Panduraeforme	
R.C. small 3-4 leaves (250 per box)	135.00
R.C. medium, 4 leaves (250 per box)	200.00
R.C. large, 4 leaves (250 per box)	240.00

PHILODENDRON	Per 100
Pertussum	
3" pots min. 3 leaves	75.00
4" pots min. 3-4 leaves	90.00
4" pots min. 4 leaves	125.00
2 plants in burlap	135.00
Hastatum	
3" pots 3-5 leaves	75.00
4" pots 4-6 leaves	100.00
Dubium	
3" pots 4-6 leaves	60.00
4" pots 4-6 leaves	75.00

CHINESE EVERGREEN	
5" 4-5 leaves	135.00
8" 5-6 leaves	200.00
10" 5-6 leaves	270.00
12" 5-6 leaves	320.00
15" 5-6 leaves	370.00
15" up 5-7 leaves	450.00
ADD 1¢ PER PLANT FOR SINGLE WRAP	

NEANTHA BELLA PALM	
3 leaves 6-7"	65.00
2-3 leaves 6-7"	48.00

NEPHTHYTIS GREEN GOLD	
R.C. 3-5 leaves (500 per box)	60.00

PEPEROMIA GREEN	
R.C. 3-4 leaves (250 per box)	70.00
Unrooted Tips (1000 per box)	38.00

PEPEROMIA VARIEGATED	
R.C. 3-5 leaves	135.00

PILEA (Aluminum Plant)	
R.C. 4-6 leaves (250 per box)	60.00

POTHOS WILCOXI	
R.C. 2-4 leaves (500 per box)	70.00

SANSEVIERIA LAURENTII	
4-6", — 6-8", — 8-12", — 12-20", 3-5 leaves	150.00
24" up, 3-5 leaves	170.00
2 leaved plants	95.00

SANSEVIERIA ZEYLANICA	
4-6", — 6-8", — 8-12", — 12-20", —	
3-5 leaves	70.00
2 leaved plants	54.00

PLANT COMBINATION	
4 different kinds of plants 4" pot. Packed 25 per case	
60.00 per 100	

GROWER No. 5

F.O.B. FLORIDA

NEANTHA BELLA PALM	Per 100	Per 1000
Seedlings, 2 leaves		40.00
Transplants, 5/6" tall, 4 leaves up	6.00	55.00

NEPHTHYTIS	
Green Gold, 4/6" leaves 5/7" tall	6.00 55.00

PHILODENDRON	
Cordatum , 3/5 leaves	6.00 55.00
4" (5 plants)	45.00
Hastatum , 4" (1 plant)	50.00
Panduraeforme 4" (3 plants)	50.00
Pertussum 4" (1 plant)	50.00



SANSEVIERIA HAHNII (See page 54)

GROWER No. 6

F.O.B. FLORIDA

CHINESE EVERGREENS	Per 100	Per 1000
Miniature	16.00	
4 to 6"	20.00	
6 to 8"	35.00	
8 to 10"	40.00	

DIEFFENBACHIA	
Amoena 4"	Each 1.00
Exotica	
3"	50.00
3" Select	75.00
Picta	
2 1/4"	20.00
3"	40.00 375.00
Roehrsii	
2 1/4"	25.00
3"	50.00

NEPHTHYTIS RC	
Green Gold (3 to 5 leaves)	7.00 65.00

PEPEROMIA	
Obtusifolia RC	7.00 65.00
Variegated RC	10.00 95.00

PHILODENDRON	
Cordatum RC	
#1	6.50 60.00
#2	5.50 45.00
2 1/4" (2 plants)	16.00 150.00
Micans	
R.C.	7.00 60.00
2 1/4" (2 plants)	20.00
Panduraeforme	
Rooted tips, 4 leaves	25.00
3" (2 plants)	50.00
Pertussum	
4 leaf mossed	75.00

SANSEVIERIA	
Laurenti 3 leaf	16.00
Zeylanica 3 leaf	8.00

FOLIAGE AND DISH GARDEN PLANTS

GROWER No. 7

F.O.B. FLORIDA

500 or more any one item at 1000 rate. 50¢ packing charge for each carton.

CROTONS	Per 100	Per 1000
2 1/4" pot Gold Dust	20.00	.....
2 1/2" pot, Assorted	25.00	.....
Mossed-off layers very showy plants suitable for 4" pot	35.00	.....

DIEFFENBACHIA

Amoena 5" pot	140.00	.....
Picta		
2 1/2" pot	25.00	.....
3" pot	35.00	.....
4" pot	50.00	.....

DRACENA

Godseffiana		
RC 4-6 leaves	10.00	.....
2 1/2" pot 2 plants to pot	23.00	.....
4" pot 5 or 6 plants 12-18"	75.00	.....
Marginata		
3" pot	35.00	.....
4" pot	75.00	.....
Sanderiana 2 1/2" pot	20.00	.....
Sanderiana Borinquensis		
2 1/2" pot	25.00	.....
Warnecki 4" pot	60.00	.....

FICUS

Decora		
Rooted mossed-off layers 10-16 leaves	65.00	.....
Pot plants	1.25 to 2.50 Each	.....
Pandurata		
Rooted mossed-off layers 6-8 leaves	100.00	.....
Pot plants	1.50 to 5.00 Each	.....

MONSTERA

Deliciosa (Ceriman)		
6" pot	1.50 to 2.50 Each	.....

NEPHTHYTIS

Emerald Gem		
RC 3 to 4 leaves	5.00	45.00
2 1/4" pot 2 plants	13.00	.....
Propagating eyes .....	.....	12.00
Green Gold		
RC 3 to 5 leaves	5.50	50.00
2 1/4" pot 2 plants	15.00	.....
Propagating eyes .....	.....	15.00
Hoffmanii		
RC 3 to 5 leaves	8.00	75.00
2 1/4" pot 2 plants	20.00	.....
Imperial White		
RC 3 to 5 leaves	8.00	75.00
2 1/4" pot 2 plants	20.00	.....
Liberica		
RC 2 to 3 leaves	4.00	35.00
RC 3-4 leaves	5.00	45.00
2 1/4" pot 2 plants	13.00	.....
Propagating eyes .....	.....	12.00
Tri-Leaf Wonder		
RC 2 to 3 leaves	8.00	75.00
2 1/4" pot 2 plants	20.00	.....
Wendlandi		
2 1/4" pot 2 plants	20.00	.....
White Gold		
RC 2-3 leaves	8.00	75.00
2 1/4" pot 2 plants	25.00	.....

PALM A Dwarf Variety

Neantha Bella		
(Chamaedorea Elegans)		
Seedlings, 3 leaves	4.50	40.00
Transplants	6.50	60.00
2 1/4" pot 2 plants	16.00	150.00
3" pot	35.00	.....

PEPEROMIA

Obtusifolia (Green)		
2 1/4" pot 2 plants	15.00	.....

GROWER No. 7

F.O.B. FLORIDA

PHILODENDRON	Per 100	Per 1000
Cordatum		
Propagating eyes, large select stock .....	.....	10.00
RC 2 to 4 leaves	5.00	45.00
Pot grown, 4 plants extra heavy 2 1/2"	20.00	.....

PHILODENDRONS (Large leaf)

Dubium		
3" pot	40.00	.....
4" pot	50.00	.....
Floridii		
3" pot	50.00	.....
Pertusum		
4" pot 3 to 4 leaves	75.00	.....
5" pot 4 to 5 leaves	90.00	.....

PILEA (Aluminum Plant)

Cadierei		
Unrooted cuttings .....	.....	25.00
Rooted cuttings .....	.....	50.00
2 1/4" pot, 3 plants to pot	15.00	.....

Also in Dwarf Variety at Same Price

SANSEVIERIA

Hahnii Bare Root		
For 2" pot	8.00	70.00
For 2 1/4" pot	10.00	90.00
For 3" pot	15.00	140.00
For 4" pot	20.00	190.00

SCHISMATOGLOTTIS

4" pot	1.25 Each	
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SYNGONIUM

Ruth Fraser		
2 1/4" pot 2 plants	20.00	

SPATHIPHYLLUM

Clevelandii 2 1/2" pot	20.00	
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TOTEM POLES

Grown on Tree Fern

NEPHTHYTIS Green Gold 24"	1.50 Each	
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PHILODENDRON

Cordatum 24"	1.50 Each	
36"	2.50 Each	
Florida 30"	3.00 Each	

POTHOS

Caribbean Yellow 24"	1.75 Each	
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IVY HAHN'S SELF BRANCHING (See page 59)

FOLIAGE AND DISH GARDEN PLANTS

GROWER No. 8

F.O.B. FLORIDA

AGLAONEMA - PSEUDO BRACTEATUM	Each
VARIETY #2	
4"	1.00
ARECA PALMS	
6" (Heavy) 36" tall	2.75
10" (Heavy) 48" tall	7.00
12" (Heavy) 5-6' tall	10.00
BROMELIADS	
4" (Assorted)	1.40
CHAMADOREA ERUMPENS PALM	
6" 4 plants	2.00
8" pot 6 plants	5.00
12" pot 12 plants	14.00
CHINESE EVERGREEN VARIEGATED	
2 1/2"	.35
B.R. (Large)	.80
5"	1.00
CROTONS	
Asst. Varieties 3" (med.) May 1st to Dec. 1st	.36
Asst. Varieties 3" (large) May 1st to Dec. 1st	.47
Asst. Fancy Hybrids MRL	.90
Asst. Fancy Hybrids 6"	1.10
Asst. Fancy Hybrids - Egg Can	3.50
DIEFFENBACHIA	
Exotica	
U.R.C.	.47
R.C.	.67
2 1/2"	.30
6" 3 plants	2.00
DRACAENA	
Baptiste	
6" 2 plants	1.40
Godseffiana	
2 1/2" 3 plants	.34
Hawaiian Ti	
6" 2 plants	1.40
Janet Graig	
3"	.40
4"	1.00
6"	2.00
Madame Andre	
B.R.	.24
3"	.40
6" 3 plants	1.40
Marginata	
6"	1.00
8" 3 plants 2-3 ft.	7.00
12" 3 plants 3-5 ft.	10.00
Sanderiana	
B.R.	.20
2 1/2"	.27
4" 3 plants	1.00
Warneckii	
2 1/2"	.47
3"	.67
4"	1.00
6" 2 plants	2.00
7" 3 plants	3.50
FICUS	
Decora	
MRL	.80
7"	1.75
Egg Can 3 plants	3.50
12" 3 plants	5.00
Doescheri	
6"	1.40
Pandurata	
6"	1.40
FISHTAIL PALMS	
6" 4 plants	1.40
Egg Can	3.50
NEANTHA BELLA PALM	
Seedlings	
B.R.	.07
2 1/2" 3 plants	.24
6"	1.40

GROWER No. 8

F.O.B. FLORIDA

NEPHTHYTIS	each
White Beauty	
B.R.	.08
2 1/2" 2 plants	.24
PILEA	
(Dwarf Variety) (Silver & Brown)	
2 1/2"	.20
PLATYCERIUM	
(Staghorn Fern)	3.50
POTHOS	
Marble Queen	
2 1/2" 2 plants	.24
Yellow (Giant Leaf)	
U.R.C.	.67
4" Pot	1.00
Yellow 2 1/2" 3 plants	.24
SANSEVIERIA	
Hahnii	
Green 2 1/2"	.16
B.R. (small)	.08
B.R. (medium)	.11
SCHEFFLERA	
Seedlings B.R. (year round)	.08
2 1/2"	.24
6"	1.00
Egg Can (3 plants) 4' tall	3.50
10" Plastic Pot (3 plants) 4' tall	5.00
SHISMATOGLOTTIS	
B.R.	1.10
5"	1.40
6" 2 plants	2.00
PHILODENDRON	
Cordatum	
2 1/2" 3 plants	.24
3" 4 plants	.34
4" 6 plants	.67
Dubia	
B.R.	.27
3"	.54
4" 2 plants	1.00
6" 2 large plants	2.00
Dubonnet	
4" 2 plants	1.00
6" 2 plants	2.00
Hastatum	
B.R. medium	.34
B.R. large	.67
3"	.54
4" 2 plants	1.00
6" 2 plants	2.00
Pertussum	
U.R.C.	.67
4" 2 plants	1.00
6" 2 plants	2.00
Selloum	
4"	1.00
6"	1.40
Egg Can	3.50
Trifolium	
3" 2 plants	.54
4" 2 plants	1.00
PHILODENDRON ON BARK	Each
Asst. Large Leaf Philo. on Bark	
24"	2.00
30"	3.50
36"	5.00
48"	7.00
60"	10.00
TREE FERN TOTEM	
16" Pole (Cordatum)	.80
18" Pole (Cordatum)	1.40

FOLIAGE AND DISH GARDEN PLANTS

GROWER No. 9

F.O.B. FLORIDA

*Denotes Plastic Pots

PHILODENDRON CORDATUM

	Per 100	Per 1000
X Started Eyes Cuttings		30.00
XX 2-3 Leaves Cuttings		40.00
XXX 3-5 Leaves Cuttings	7.00	55.00
X per 10,000 —	275.00	
XX per 10,000 —	375.00	
XXX per 10,000 —	500.00	
6-7 Leaves Cuttings	8.00	
*3-4 Plants 2 1/2 Pots	18.00	
*6-8 Plants 4" Hanging	50.00	

PHILODENDRON

Hastatum		
U.R. Tips 4-6 Leaves, Small	27.50	
U.R. Tips 4-6 Leaves, Medium	37.50	
U.R. Tips 4 Leaves, Large	53.00	
*3" Pots — Single	42.50	
*4" Pots — Single	68.00	
*4" Pots — Double	85.00	
*5" Pots — Single	110.00	
Panduraeforme		
U.R. Tips Areal Roots 3-5 leaves	17.50	
R.C. 3-5 leaves	17.50	
*3" Pots, 3 Plants	55.00	
*4" Pots, 3 Plants, Large	80.00	
Pertussum		
Mossed Air Layer, 3-5 Leaves	80.00	
*4" Pots	100.00	
Monstera		
U.R. Tips, 3-5 sm. leaves 1 1/2'-2' tall	55.00	
U.R. Tips, 3-5 med. leaves 2'-3' tall	80.00	
U.R. Tips, 3-5 lrg. leaves 3'-4' tall	110.00	
5" Pots, 2 Plants	160.00	
6" Pots, 2 Plants	215.00	
9" Pots, 2-3 Plants 3'-4' tall	375.00	
Laciniatum		
U.R. Tips, 3-5 leaves	27.50	

FICUS

Decora		
M.R.L. 10-12 leaves	75.00	
Gallon cans	100.00	
Egg cans 3 plants 3-4'	5.00 Each	
Doescheri		
M.R.L. 8-12 leaves gallon cans	95.00	
Pandurata		
Gallon can	95.00	

PALMS

Neantha Bella		
Seedlings 1 1/2 lvs.		27.50
Seedlings transp. 4-5 lvs. 6-8" tall		53.00
*3" pots 3 plants	65.00	
*4" pots 3 plants	90.00	
6" pots 3 plants	250.00	
8" pots 3 plants	4.00 Each	

CHAMADOREA Erumpens

Seedlings	37.50	
*4" pots 4 plants	65.00	

SCHEFFLERA

Seedlings B.R. 6-8" tall	8.00	65.00
*2 1/2" pots	30.00	
*4" pots	65.00	

SPATPHYPHYLLUM KOCHII

RC 4-6 leaves 10-12" high	17.50	135.00
3" pots 10-12 lvs.	45.00	
4" pots 15-18 lvs 15-18" tall	110.00	

GROWER No. 9

F.O.B. FLORIDA

NEPHTHYTIS

	Per 100	Per 1000
White on Green		
RC 3-5 leaves		80.00
4" pot 3 plants 15-18" tall	65.00	
Emerald Gem		
Propagating vines		15.00
RC 3-5 leaves		53.00
Green Gold		
Propagating vines		15.00
RC 3-5 leaves		65.00

PILEA CADIEREI

U.R. Tips 4-6 leaves		27.50
R.C. 4-6 leaves		45.00
*3" pots 3 plants	20.00	

PILEA DWF. RC

Self Branching 6-8 lvs.	13.00	110.00
Bronze 3 lvs. up		60.00

PEPEROMIA

Obtusifolia U.R. Tips 3-5 lvs.		45.00
Obtusifolia Var. U.R. Tips 3-5 lvs.		65.00

POTHOS Golden

Propagating vines		17.50
U.R. Tips 3-4 lvs.		50.00

POTHOS Marble Queen

Propagating vines		
U.R. Tips 3-5 lvs.	8.00	65.00

EUPHORBIA LACTEA

U.R. Tips 6-8" tall	9.00	80.00
U.R. Tips 10-12" tall	11.00	100.00
U.R. Tips 15-18" br.	17.50	

BARK & POLE PLANTS 8" POTS & LARGER

PACKED ONE TO A CARTON

PERTUSSUM ON BARK Aug. - Sept. delivery	EACH	
8" pots 4 plants 36"	5.50	
10" pots 4 plants 48"	8.00	
10" pots 4 plants 60"	12.50	
12" pots 4 plants 72"	15.00 & 18.00	
12" pots 5 plants 96"	32.50 & 36.00	
HASTATUM ON BARK Aug. - Sept. delivery		
8" pots 4 plants 36"	5.50	
9" pots 4 plants 48"	8.00	
10" pots 4 plants 60"	12.50	
12" pots 5 plants 72"	15.00 & 18.00	
12" pots 5 plants 96"	32.50 & 36.00	

PANDURAEFORME ON POLES Aug. - Sept. delivery

8" pots 6-8" plants 36"	5.50
9" pots 6-8" plants 48"	8.00
10" pots 6-8" plants 60"	12.50
12" pots 6-8" plants 72"	15.00

LACINIATUM ON POLES Aug. - Sept. delivery

8" pots 36" tall	5.50
9" pots 48" tall	8.00
10" pots 60" tall	12.50

PHILO CORDATUM ON POLES Aug. - Sept. delivery

6" pots 18-20" tall	1.75
7" pots 36" tall	3.75
8" pots 48" tall	5.00

POTHOS ON POLES Aug. - Sept. delivery

6" pots 18-20" tall	1.75
7" pots 36" tall	3.75
8" pots 48" tall	5.00

SYNGONIUM AURITUM ON BARK

9" pots 48" tall	8.00
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SANSEVIERIA LAURENTII

	Per 100	Per 1000
Under 8" 3-4 lvs. up		120.00
8" to 12" 3-4 lvs. up		130.00
12-15" 3-4 lvs. up		140.00
15-18" 3-4 lvs. up		145.00
18-24" 3-4 lvs. up		150.00
24-30" 3-4 lvs. up		160.00

SANSEVIERIA HAHNII

Bare Root for 2 1/4		90.00
Bare Root for 2 1/2		110.00
Bare Root for 3		135.00
Bare Root for 3 Heavy		160.00

SANSEVIERIA NEW VARIETY

12-15" 3-5 lvs.	30.00	
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FOLIAGE AND DISH GARDEN PLANTS

GROWER No. 10

F.O.B. FLORIDA

PHILODENDRON	Per 100	Per 1000
Cordatum		
In 2 1/4" Plastic Pots (3 or more per pot)	18.00	.....
3" (Square Plastic Pot) (3 or more plants)	22.00	.....
R.C., 3-5 leaves		
Shipment Nov. 1st. thru April 1st.		55.00
Shipment April 1st. thru Nov. 1st.		50.00
Rooted Leaf and Eye		
Under 10,000 in one shipment	32.00	.....
Over 10,000 in one shipment	29.00	.....
Any size shipment bet. June 15th and Aug. 15th		26.00

PHILODENDRON

Cordatum

Rooted Cuttings, Bench Run Approximately
11,000 eyes per bench;

	Shipment June-July-August	Shipment September thru May
	Per 1000	Per 1000
(Min. 2500)	42.00	47.00
(Min. 5500)	36.00	42.00
Bench (11000)	32.50	36.00

PLUS PACKING 12.50 per bench

PHILODENDRON	Per 100	Per 1000
Dubia		
4" pot grown, 1 per pot, 3-5 leaves	54.00	.....
3" pot grown, 1 per pot, 3-5 leaves	47.00	.....
Hastatum		
6" (Plastic pot) 2 per pot on 24" bark 1.75 Each (packed 6 or 9 per carton)		
4" pot grown, 1 per pot, 4-5 leaves	67.00	.....
3" pot grown, 1 per pot, 3-5 leaves	54.00	.....
Monstera		
4" pot grown, 1 per pot, 2 leaves	110.00	.....
6" pot grown, 2 per pot 5 leaves up	170.00	.....
Monstera Specimens,		
3-4 lvs., 14" or better leaves in diam., for 6" pots packed 8 per carton	1.75 Each	
Pertussum		
6" (Plastic Pots) 2 per pot, 24" bark (pack 6 or 9 per carton)	1.75 Each	
4" pot grown, 3-5 leaves, 1 per pot	80.00	.....
4" pot grown, 6-10 leaves, 2 per pot	100.00	.....
4" square plastic pot, #2 grade, 3-5 lvs. 1 per pot	67.00	.....
3" pot grown, 3-5 leaves, 1 per pot	54.00	.....

SANSEVIERIA

Laurentii. 3" (Square Plastic Pot) 1 plant	22.00	.....
2 leaves, 6/8", 4/6", 8/10"		90.00
3-4 leaves Miniatures		125.00
3-4 leaves, 4/6", 6/8", 8/12"		150.00
3-4 leaves, 12" up		150.00
Zeylanica		
3" (Square Plastic Pot) (2 plants)	22.00	.....
3-4 leaves, Miniatures		54.00
3-4 leaves, 4/6", 6/8", 8/12"		73.00
2 leaves, 4/6", 6/8", 8/10"		40.00

GROWER No. 10

F.O.B. FLORIDA

COMBINATIONS	Per 100	Per 1000
3" (square Plastic Pot) (3 plants)	22.00	.....
MARANTA		
Kerchoveana, R.C. 3-5 leaves,		80.00
NEANTHA BELLA PALMS		
3" (Square Plastic Pot) (3 or more plants)	22.00	.....
NEANTHA BELLA SEEDLINGS		
2 leaves		34.00
3-5 leaves		47.00
NEPHTHYTIS GREEN		
3" (Square Plastic Pot) (3 plants)	22.00	.....
NEPHTHYTIS GREEN GOLD		
3" (Square Plastic Pot) (3 or more plants)	22.00	.....
In 2 1/4" Plastic Pots (3 or more per pot)	18.00	.....
R.C. 2-3 leaves, 3-5" tall		54.00
R.C. 3-5 leaves, 4-6" tall		67.00
PEPEROMIA		
Green, 3" (Square Plastic Pot) (2 plants)	22.00	.....
PEPEROMIA		
Variegated 3" (Square Plastic Pot) (1 plant)	22.00	.....

ALL PRICES PLUS .50 PER CARTON
PACKING CHARGE

PHILODENDRON COLLECTIONS

POPULAR LARGE LEAFED PHILODENDRON

COLLECTIONS — consisting of:

- 5 Philo. Pertussum 4", 3-5 leaves
- 5 Philo. Dubia 4", 3-5 leaves
- 5 Philo. Hastatum 4", 4-5 leaves
- 5 Philo. Monstera 4", 3 leaves

PRICE PER COLLECTION — 23.00

POPULAR LARGE LEAFED PHILODENDRON

COLLECTIONS — consisting of:

- 10 Philo. Pertussum, 3" 3-4 leaves
- 10 Philo. Dubia, 3", 3-4 leaves
- 10 Philo. Hastatum, 3" 3-4 leaves

PRICE PER COLLECTION — 23.00

POPULAR LARGE LEAFED PHILODENDRON

COLLECTION — consisting of:

- 7 Philo. Pertussum, 4", 3-5 leaves
- 7 Philo. Hastatum, 4", 4-5 leaves
- 6 Philo. Monstera, 4", 3 leaves

PRICE PER COLLECTION — 26.00

THE ABOVE PRICES ON COLLECTIONS
INCLUDE THE .50 PER CARTON
PACKING CHARGE

GROWER No. 11

F.O.B. FLORIDA

DRACAENA	Per 100	Per 1000
Sanderiana R.C. 6-6'	15.00	.....
NEPHTHYTIS		
Emerald Gem R.C.		
(3-5 leaves)	6.50	60.00
Imperial White R.C.		
(4-6 leaves)	6.50	60.00
PHILODENDRON		
Cordatum 3"		
(#2 & #3 Grade Cuttings)	19.00	.....
3" (3 #1 Cuttings)	32.50	.....
4" (5 #1 Cuttings)	47.50	.....
PLANT COMBINATION		
CORDATUM, SANSEVIERIA, NEPHTHYTIS 3"	22.50	.....

FOLIAGE AND DISH GARDEN PLANTS

GROWER No. 12

F.O.B. PUERTO RICO

250 Plants supplied at the 1000 rate. Orders for less than 250 — ADD 10%.

AGLAONEMA	Per 1000
Commutatum (Var. Chinese Evergreen)	
4"-5", out of 2 1/4", 8-10 leaves for dish gardens	160.00
7-9", unrooted tops, 6-7 leaves for pot plants	125.00

COMMUTATUM CLUMPS

(Selected) (3 plants) Ready for 6" pots 1.25 Each

AGLAONEMA

Pewter (new) U.R.C.	60.00 per 100
Pewter Bractum (new) (variegated) R.C.	75.00 per 100
Modestum (Chinese Evergreen)	
6-8", unrooted tops, 5-7 leaves	85.00
Propagating cane,	100.00 per M ft.

DIEFFENBACHIA

Picta	
Propagating cane,	180.00 per M ft.

DRACAENA

Godseffiana	
4 leaves (two bracts) U.R.	50.00
6 leaves (three bracts) U.R.	60.00
6", 2 tip cuttings, (6 bracts) out of 2" potbound (or in foil)	150.00
Sanderiana	
4-6", U.R.C.	60.00
6-8", U.R.C.	60.00
4-6", R.C.	80.00
6-8", R.C.	80.00
8-12", R.C.	80.00
Warnecki	
12-15", Unrooted Tops	225.00
12-15", Rooted tops	275.00

FICUS

Elastica Decora	
Rooted mossings, 10/16 large leaves	35.00 per 100
Additional 5.00 per 100 packing charge	
Doescheri	
Rooted mossings, 10/12 large leaves	47.50 per 100
Pandurata	
Rooted mossings, 8/10 lvs. mossed to order (4 weeks)	47.50 per 100

PHILODENDRON

	Per 1000
Cordatum	
Propagating eyes, medium leaves, per 1000 eyes	10.00
Hastatum	
4-5 small leaves, out of 2 1/4"	220.00
4-5 medium leaves, out of 3"	300.00
Panduraeforme	
Out of 2 1/4", (2 plants per pot)	300.00

POTHOS

Wilcoxi (Golden Pothos)	
Propagating eyes, medium leaves, per 1000 eyes	12.50

SANSEVIERIA

Laurentii	
18-20", bare rooted, 3-5 leaves	110.00

GROWER No. 13

F. O. B. FLORIDA

SHOW PLANTS IN 5" POTS

PER CTN. EACH

Chinese Evergreen Variegated		
(Available September 1st.)	16	1.10

PHILODENDRON

Cordatum on Totems 18" high	16	1.10
Guttiferum Totems 18" high	16	1.10

POTHOS

Marble Queen on Totems 18" high	16	1.10
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PLANTS IN 4" POTS

CHINESE EVERGREEN (after Sept. 1st.) (2 plants)	25	1.10
DRACAENA WARNECKII (1 plant)	25	1.10
ESPISCIA - Bronze & Green in 3" Pots (2 plants)	50	.35

PHILODENDRON

Cordatum (6-8 plants)	25	.75
Hastatum (2 plants)	25	1.10
Mandaianum (Limited) (2 plants)	25	1.10
Panduraeforme (When Available) (2 plants)	25	1.10
Pertussum (2 plants)	25	1.10
Trifolium (3 plants)	25	1.10

POTHOS — Large Leaf

(Limited) (2 plants)	25	1.25
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PLANTS IN 2 1/2" POTS

DIEFFENBACHIA

Bausei, Picta, Roehrsii (1 plant)	50	.27
Exotica (1 plant)	50	.28

DRACAENA Sanderiana (1 plant)	50	.27
NEANTHE BELLA PALM (3 plants)	50	.24
NEPHTHYTIS Variegated (2 plants)	50	.24
PEPEROMIA - Green (2 plants)	50	.20
PEPEROMIA - Variegated (2 plants)	50	.27

PHILODENDRON

Cordatum (3 plants)	50	.22
Guttiferum (2 plants)	50	.27
PILEA (2 plants)	50	.19

POTHOS

Marble Queen (2 plants)	50	.24
Yellow (3 plants)	50	.23
Purple Queen - Ground Cover (2 plants)	50	.20
SANSEVIERIA HAHNII (1 plant)	50	.19
SCHEFFLERA (1 plant)	50	.20

FOLIAGE AND DISH GARDEN PLANTS

GROWER No. 14 F.O.B. OHIO

AGLAONEMA,		Per 100	HOYA, Carnosa (Wax Plant), green,		Per 100	PHILODENDRON,		Per 100
Modestum (Chinese Evergreen),			2 1/4",		15.00	Cordatum, 2 1/4"		15.00
3", 4-6 leaves		35.00	Variegated, 2 1/4",		25.00	2 1/2" (2 plants)		25.00
4", 5-7 leaves		75.00	IVY, Baltica 2 1/4"	90.00 per M	10.00	3" (3 plants)		35.00
4", Mother Plants		1.00 Each	English 2 1/4"	90.00 per M	10.00	Dubia 4"		1.00 Each
AGLAONEMA, Marantifolia,			2 1/2", (two plants)		15.00	5",		1.50 Each
4",		1.25 Each	3" (three plants)		25.00	Florida, 5", on bark		1.50 Each
ARALIA Sieboldi, 2 1/4"		15.00	Grape, 2 1/4"	110.00 per M	12.00	Hastatum, 4",		1.00 Each
CISSUS, Antartica			Ideal, Pixie, Hahn's Self Branching, Fan			5",		1.50 Each
(Kangaroo Vine), 2 1/4"		20.00	Glacier, Hahn's Small Leaf Var. 2 1/4"		15.00	Micans, 2 1/4"		25.00
Discolor (Variegated), 2 1/4"		20.00	2 1/2", two plants		20.00	Panduriforme, 4",		
CRASSULA Arborescens			3"		30.00	(2 plants)		1.00 Each
(Jade Plant), 2 1/4"		12.00	Sylvanian Beauty, Green Ripple, Sham-		20.00	5",		1.50 Each
CROTONS, Apple Leaf 2 1/4"		20.00	rock, Large Leaf Variegated 2 1/4"		35.00	Selloum, 5",		1.50 Each
Narrow Leaf, 2 1/4"		20.00	3"			Pertussum, 3"		75.00
DIEFFENBACHIA Picta 2 1/2"		30.00	LEMON,			Hybrida, 2 1/4",		25.00
3"		40.00	Ponderosa American Wonder, 2 1/4"		25.00	PILEA, Cadierei (Dwf. Alum. plant)		
Rudy Roehrs, 2 1/2"		35.00	3" 2 yr. plants		50.00	2 1/4"		15.00
3"		50.00	NEPHTHYTIS,			Involucrata (pandmigas), 2 1/4"		15.00
4",		1.00 Each	Liberica, 2 1/4"		15.00	POTHOS		
DRACAENA GODSEFFIANA,			Green Gold, 2 1/4"		15.00	Marble Queen, 2 1/4"		25.00
2 1/4", single		15.00	ORANGE Otaheite			3" (2 plants)		35.00
2 1/2", two plants		25.00	(dwarf habit) 2 1/4"		35.00	Wilcoxi, 2 1/4"		15.00
3", three plants		35.00	3"		75.00	3" (3 plants)		40.00
Sanderiana, 2 1/4"		20.00	PALM, Chamaedorea Elegans,			RHOEO, Discolor, 2 1/4"		
DRACAENA MME. Eugene Andre			2 1/4"		15.00	(Moses in the Bulrushes)		25.00
3",		.75 Each	4"		50.00	SANSEVIERIA Hahnii, rosettes 2 1/4"		
4",		1.25 Each	5" (3 plants)		75.00	Laurenti, 2 1/4"		15.00
5",		2.00 Each	PEPEROMIA,			3"		25.00
EUONYMUS, Silver Queen, 2 1/4",		20.00	Emerald Ripple, 2 1/4"		20.00	6"		1.50 Each
FARFUGIUM Grande			Obtusifolia Green, 2 1/4"		12.00	Zeylanica, 2 1/4"		20.00
(Leopard Plant), 2 1/2",		75.00	Obtusifolia Miniature, 2 1/4"		16.00	SCHEFFLERA, 2 1/4"		
FICUS, Elastica Decora,			Obtusifolia Variegata, 2 1/4"		15.00	SCHISMATAGLOTTIS Robellini,		
6"		2.00 Each	Pericattii, 2 1/4"		15.00	4"		2.00 Each
7"		2.50 Each	Marble Variegated, 2 1/4"		15.00	SYNGONIUM Shotto,		
FITTONIA Argyroneura (white veins)			Sandersii, spaced plants, 2 1/4"		20.00	2 1/4"		15.00
2 1/4",		20.00	(Watermelon Begonia)					

MISCELLANEOUS PLANTS

	Per 100	Per 1000		Per 100	Per 1000
ABUTILON (Flowering Maple)			GYNURA (Chinese Velvet Plant)		
Souv. de Bonn. (Grayish-green leaves bordered in creamy - white)	15.00		Aurantiaca 2 1/4"	15.00	
Thompsonii (Dark green leaves with yellow mottling)	25.00		GYPSOPHILA Bristol Fairy, 2 1/4"	30.00	
ACHYRANTHUS Brilliancy, 2 1/4"	10.00	90.00	3"	35.00	
ASPARAGUS			JACOBINA, Justicia, 2 1/4"	20.00	
Sprengeri, 2 1/4"	10.00		LIGUSTRUM		
BELOPERONE (Shrimp Plant)			Lucidum (Privet) for dish gardens 2 1/4"	15.00	125.00
Guttata 2 1/4"	15.00		OSMANTHUS		
BROWALLIA			Aquifolium. For dish gardens 2 1/4"	21.50	180.00
Speciosa Major 2 1/4"	10.00		Aquifolium Rotundifolius		
CHRISTMAS CACTUS (Lobster Plant) 2 1/4"	15.00		(Round leaf) 2 1/4"	30.00	250.00
COLEUS, Spotted Beauty,			Variegated (grafted stock) 2 1/4"	35.00	
(Upright, tree-like habit of growth), 2 1/4"	15.00		PACHYSANDRA		
COLEUS, Assorted Varieties, 2 1/4"	15.00		Terminalis (Green) R.C. (250 minimum)		55.00
DUSTY MILLER (Fern Leaf) 2 1/4"	10.00		Variegated (Silver edged) 2 1/4"	21.50	180.00
EUPHORBIA			PEPPER PLANTS (ready for shifting) 2 1/4"	10.00	
Splendens Bojeri 2 1/4"	25.00		RUELLIA (Trailing Velvet Plant)		
FUNKIA (Plantation Lily)			Makoyana 2 1/4"	20.00	
Variegata "Field Divisions"	15.00		TOTEMS		
FUSHIA, Senorita, 2 1/4"	20.00		Philodendron Cordatum, Pothos, Nephthytis, and Philodendron Hybrida		
GARDENIA Veitchi (for growing on) 2 1/4"	20.00		on mossed poles or Tree Fern.		
3"	35.00		5" - 4 plants, 16" tall,	EACH \$1.50	
			5" - 5 plants, 18" tall,	EACH 1.75	
			6" - 6 plants, 18" tall,	EACH 2.00	
			6" - 6-8 plants, 24" tall,	EACH 2.50	
			7" - 7 plants, 24" tall,	EACH 3.50	
			7" - 7-10 plants, 30" tall,	EACH 5.00	

CACTI and SUCCULENTS MINIATURE FOLIAGE PLANTS

For Dishgardens

COMMERCIAL ASSORTMENTS

Novelty Planting

(Varieties Labeled on Request)

F.O.B. CALIFORNIA

	Per 100	Per 1000		Per 100	Per 1000
A ALL-PURPOSE STANDARD. Cacti and Succulents; ten or more standard varieties in uniform good selection for general dish garden work or individual 2 1/2 inch pots	\$5.00	\$45.00	S SUB-TROPIC DIXIE ASSORTMENT, as favoured in New York, small Foliage plants with compatible Succulents and Sansevierias	8.00	77.50
B ALL-PURPOSE SUPERIOR. Cacti and Succulents includes the better, more durable showier types of Succulents and Cacti, in 15 or more varieties. This is our most favored all around commercial asst.	6.00	55.00	T TERRARIUM ASSORTMENT, Miniature Foliage plants with Succulents suited to Glass Garden	6.00	-----
C ALL-PURPOSE CHOICE. Cacti and Succulents; limited to the more valuable, hard Succulents and most desirable Cacti, selected for keeping quality, odd shape and beauty	8.50	80.00	V SMALL FOLIAGE PLANT ASSORTMENT. Usually made up of Billbergias, Variegated Ivy, Philodendron, Peperomia, Boxwood, Cryptanthus, Euronymus or similar plants suitable for Dish Gardens.....	9.00	87.50
F MINIATURES. Cacti and Succulents for tiny pots and miniature bowls	4.00	35.00	SMALL FOLIAGE PLANTS		
G MAMMOTH. Cacti and Succulents; the Standard assortment in larger sizes; branched, eared and generally showier plants — for larger assortments or 2 1/2-3-4 inch pots	15.00	-----	ARALIA Sieboldii (as available)	\$7.00	\$65.00
H ALL-SUCCULENT ECONOMY, ten or more varieties, useful and showy — an economical and colorful filler	4.50	40.00	BOXWOOD (Buxus japonica) (501) bushy	7.00	65.00
K ALL-SUCCULENT FANCY, the harder, slow growing and fancy types of Succulents specially selected for best keeping quality, oddity as well as color....	7.50	70.00	rooted cuttings	6.50	60.00
M ALL-CACTUS COMMERCIAL, mostly Opuntias and Cereus — pad and column types — for a good showing at a low price	6.00	55.00	EUONYMUS Silver Queen, (available summer-fall), rooted cuttings (502)	6.50	60.00
N ALL-CACTUS SELECT, various types of Cacti from cuttings and seedlings; globular, branched, eared padded and columnar varieties in best selection.....	9.00	-----	EUONYMUS Albo-marginata (available summer-fall), rooted cuttings	6.50	60.00
P SUNSET COLLECTION for fanciers; fifty named varieties of Cacti and other Succulents such as Euphorbias, Haworthias, Echeverias, etc., and including all leading forms	9.00	-----	EUONYMUS jap. aureus, gold center, rooted cuttings	6.50	60.00
			EUONYMUS assorted	6.50	60.00
			FATSHERA Lizei		
			Single eye rooted cuttings (as available)	-----	65.00
			IVIES:		
			Hagenburger's Variegated (516)	\$7.00	\$65.00
			Golddust, yellow variegated, smalleaved	8.00	75.00
			Glacier, highly variegated white, smalleaved	8.00	75.00
			Green California, sturdy branching, smalleaved	6.00	55.00
			Green Fan, hard, spread like a fan	7.00	65.00
			Hahn's Selfbranching, smalleaved green	5.00	45.00
			Jubilee, miniature white variegated	12.50	-----
			Ivies, assorted varieties	7.00	65.00
			LIGUSTRUM Lucidum, wax leaf, good keeper	7.00	65.00
			MYRSINE Africana (as available)	7.00	-----
			PEPEROMIA Obtusifolia, green	8.00	-----
			PHILODENDRON Cordatum (512), rooted cuttings	7.00	65.00
			PITTOSPORUM Tobira, leaves long, shiny green	7.00	65.00

SAVES

LABOR

FASTER

BETTER

GROWTH



ROOTS GROW RIGHT THROUGH POT WALLS

JIFFY-POTS

To establish young plants when tight schedules do not permit direct benching, use nutrient treated Jiffy-Pots. These pots are molded from 75 per cent peat and 25 per cent wood pulp, and contain 1.3 per cent Nitrogen, 1 per cent Phosphoric Acid and 1.6 per cent Potash. They are weed disease free.

Plants grow faster and make more vigorous and rapid growth than plants grown in other types of containers. Nutrient treated Peat Pots dry out slower than clay pots, therefore require less frequent watering. Because the roots penetrate the wall of the nutrient treated Peat Pot, there is no knocking out, thereby saving time and labor.

PRICES FOR NUTRIENT TREATED PEAT POTS

PRICES PER 1000 POTS

Model No.	Top Diam. and Shape	Depth of Pot	Shipping Weight Per Case	Pack Per Case	EAST OF CONTINENTAL DIVIDE			WEST OF CONTINENTAL DIVIDE		
					1-9 Cases	10-24 Cases	25 Cs. & Up*	1-9 Cases	10-24 Cases	25 Cs. & Up*
115	1 1/2-in. Round	1 3/4"	17 lbs.	3000	\$ 5.70	\$ 5.30	\$ 4.90	\$ 5.99	\$ 5.57	\$ 5.15
122	2 1/4-in. Round	2 1/4"	37 lbs.	3000	7.50	7.00	6.50	7.88	7.35	6.86
130	3-in. Round	3"	37 lbs.	1500	13.30	12.30	11.30	13.97	12.92	11.87
140	4-in. Round	4"	35 lbs.	500	29.50	27.50	25.50	30.98	28.88	26.78
222	2 1/4-in. Square	2 1/4"	37 lbs.	2500	8.10	7.60	7.00	8.51	7.98	7.35
230	3-in. Square	3"	40 lbs.	1000	15.50	14.50	13.50	16.28	15.23	14.18
240	4-in. Square	4"	45 lbs.	500	30.00	28.00	26.00	31.50	29.40	27.30
330	3-in. Shorty	2 1/2"	37 lbs.	1500	13.00	12.00	11.00	13.65	12.60	11.55
335	3 1/2-in. Shorty	3"	40 lbs.	1000	17.75	16.50	15.25	18.64	17.33	16.01
425	2 1/2-in. Rose	3 1/8"	35 lbs.	2000	10.00	9.25	8.50	10.50	9.71	8.93

*Additional quantity discounts: Orders of \$1500. — 2% discount from 25 case price
Orders of 3000. — 3% discount from 25 case price
Orders of 6000. — 5% discount from 25 case price

Prices prepaid on orders weighing 150 lbs. or more. Various sizes may be combined to obtain quantity prices.

POTS — MARKET-PAKS — HALF FLATS — PLANT BANDS

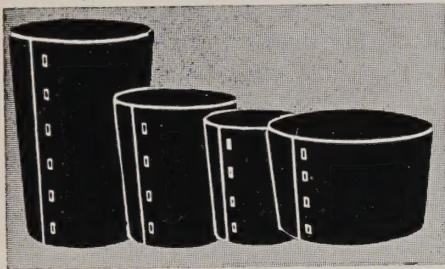
PRICES — Bird Vita-Bands

	1 1/2 x 1 1/2 x 2 1/2	1 3/4 x 1 3/4 x 2 1/2	2 x 2 x 2 1/2	2 x 2 x 3	2 1/2 x 2 1/2 x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4
Vita-Band "10"								
Price Per M	\$4.80	\$5.15	\$5.40	\$5.90	\$6.40	\$7.10	\$9.20	\$11.45
Quantity Per Case	2000	2000	2000	2000	2000	1000	1000	500
Weight Per Case	33	38	42	51	63	37	50	33
Vita-Band "H"								
Price Per M		\$6.25	\$6.60	\$7.75	\$8.30	\$8.70	\$10.70	\$13.10
Quantity Per Case		1000	1000	1000	1000	1000	500	500
Weight Per Case		26	30	36	44	52	35	46
Vita-Band "D"								
Price Per M	\$4.95	\$5.30	\$5.50	\$6.20	\$6.45	\$7.25	\$9.45	\$11.80
Quantity Per Case	2000	2000	2000	2000	2000	2000	1000	1000
Weight Per Case	18	21	23	28	34	40	27	35

TOM THUMB FLATS

Made of heavy fibre resinous material. Easily set up. Comes in two sizes to hold either a dozen 1 3/4-inch or a dozen 2-inch. You will find these ideal for counter sales of bedding or vegetable plants.

	SIZE	Weight	Ctn.	Per 1000
No. 1 (Holds 1 Doz. 1 3/4" Bands)		55 Lbs.	250	44.70
No. 2 (Holds 1 Doz. 2" Bands)		62 Lbs.	250	49.60



PERENNIAL POTS

Made of a hard durable material, with solid stapled bottom; carefully designed with openings to insure proper drainage.

Size	Pack Per Case		Price		Weight	
	Light	Heavy	Light	Heavy	Light	Heavy
5 x 5 1/2"	200	200	10.80	12.50	47.50	56.00
6 x 6 1/2"	200	200	12.90	14.50	58.50	66.80
8 x 5" Mum Pan	200	100	14.00	8.25	65.00	77.50
7 x 9 1/2" Rose Pot	200	100	15.00	8.50	69.00	79.50

MARKET — PACKS AND HALF — FLATS

Market-Paks and Half-Flats, modern convenient packages for growing and selling bedding plants. Ideal for tomatoes and peppers, too! Give home gardeners the right size package and you will find they buy more plants. Saves selling time in digging out of flats and wrapping. No mess — no fuss — no wilted plants!

Attractively finished in a smooth, brick red color, the Market-Pak is a durable, well-designed growing-selling container, made of asphalt-impregnated wood fiber. Has adequate drain holes in bottom. Available in sizes for every need.

No. 24 - 4 1/8 x 5 3/4 x 2 1/2" deep	250 per case	17 lbs.
No. 28 - 5 1/8 x 5 1/2 x 2 3/4" deep	250 per case	23 lbs.
No. 30 - 2 7/8 x 10 1/4 x 2 3/8" deep	200 per case	17 lbs.
No. 42 - 5 1/2 x 7 1/2 x 2 3/8" deep	200 per case	20 lbs.
No. 44 - 5 1/2 x 7 1/2 x 2 3/4" deep	200 per case	23 lbs.
No. 60 - 6 x 10 x 2 5/8" deep	200 per case	28 lbs.
Half-Flats - 10 x 12 x 2 3/8" deep	200 per case	50 lbs.

MARKET-PAK

Growers price per 1000

	#24	#28	#30	#42	#44	#60
Less than 1000	\$31.00	\$39.00	\$41.00	\$44.00	\$49.00	\$67.00
1,000 to 9,875	28.00	35.00	37.00	40.00	45.00	61.00
10,000 to 49,875	26.00	33.00	35.00	38.00	43.00	57.00
50,000 Up	24.00	30.00	32.00	35.00	40.00	53.00

HALF-FLAT

Quantity	Growers Price Per 1000
200 to 400	\$110.00
600 to 4,800	100.00
5,000 Up	90.00

MINIMUM ORDERS: Orders must be for at least 1000 Market-Paks or Half-Flats. Such orders will be shipped F.O.B. our Warehouse in West Chicago, Ill.; Bayonne, N. J.; Allentown, Pa.; or Toledo, Ohio. Various sizes of Market-Paks as well as Half-Flats may be combined to make up minimum quantities.

BIRD PAPER POTS

SOLD IN CASE LOTS ONLY

RED				RED			
	Pack per case	Per 1000		Pack per case	Per 1000		
2-in.	2000	9.00	3 1/2-in.	1000	12.80		
2 1/4-in.	2000	9.00	4-in.	1000	15.50		
2 1/2-in.	2000	9.10	5-in.	500	19.00		
3-in.	2000	9.60	6-in.	500	23.40		

VITA-BLACK POTS

FOR GROWING

Size	Per Case	Per 1000	Size	Per Case	Per 1000
2"	1000	16.05	3"	1000	19.15
2 1/4"	1000	16.45	4"	500	28.25
2 1/2"	1000	17.05	5"	500	36.75

PLASTIC PLANT POTS

F.O.B. Sandusky, Ohio - Orlando, Apopka, Miami, Florida

MINIMUM ORDER \$10.00

Prices per 1,000 Planters in Mottled Green Color

	Std. Ctn.	10M-	100M	No. per	Wt. per
	-9,999	99,999†	and over†	Carton	Carton
ROUND POTS					
R-200 2"	\$ 10.00	\$ 9.50	\$ 8.50	1,000	13
R-225 2 1/4"	11.00	10.50	10.00	1,200	18
R-250 2 1/2"	13.75	12.75	11.25	1,000	22
R-300 3"	17.50	16.50	14.85	1,000	36
R-400 4"	30.00	29.00	28.50	500	30
R-500 5"	60.00	58.00	57.50	300	38
R-600 6"	105.00	100.00	95.00	120	34
R-700 7"	165.00	160.00	150.00	72	30
ROUND TUBS					
RT-400 4"	30.00	29.00	28.50	500	33
RT-600 6"	95.00	90.00	85.00	120	25
SQUARE POTS *Space Saver					
S-225 2 1/4"	11.00	10.00	9.25	1,000	17
S-250 2 1/2"	14.25	13.75	13.50	1,000	22
S-300 3"	17.50	16.50	15.25	1,000	35
S-400 4"	31.00	30.00	29.75	500	33
NO. 10 PLANTA CAN					
	120.00	115.00	108.00	150	45
BANTAM FLATS					
BF-90 (2 5/8"x5"x7 1/2")	85.00	80.00	68.00	100	18
BF-123 (2 5/8"x6 1/4"x8")	95.00	90.00	76.00	100	21
SAUCERS (Jet Black, 100 per ctn.)					
	Std. Ctn. 5M	5M and over		Wt. per Carton	
3"	39.00	31.00		2 1/2	
4"	52.00	42.00		4	
5"	65.00	52.00		5 1/2	
6"	78.00	62.00		7	

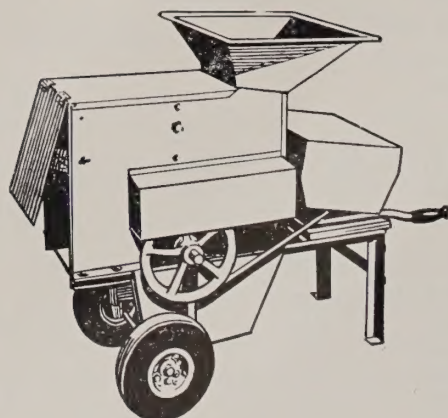
Prices per 1,000 Planters in Decorator Colors

ROYAL ANTIQUE WHITE, SPRING GREEN, DAFFODIL YELLOW, GERANIUM RED

ROUND POTS					
R-200 2"	11.00	10.25	9.50	1,000	13
R-225 2 1/4"	12.60	11.85	11.20	1,200	18
R-250 2 1/2"	15.75	14.75	13.75	1,000	22
R-300 3"	19.00	17.50	16.50	1,000	36
R-400 4"	34.50	32.50	31.00	500	30
R-500 5"	71.00	66.75	63.00	300	38
R-600 6"	118.00	114.00	110.00	120	34
R-700 7"	175.00	168.00	160.00	72	30
ROUND TUBS					
RT-400 4"	34.50	32.50	31.00	500	33
RT-600 6"	105.00	100.00	95.00	120	25
SQUARE POTS *Space Saver					
S-225 2 1/4"	12.00	11.00	10.25	1,000	17
S-250 2 1/2"	16.00	15.00	14.50	1,000	22
S-300 3"	18.50	17.50	16.50	1,000	35
S-400 4"	35.00	33.00	31.50	500	33

†Orders with net billing between \$150 and \$1,000 will be billed at the 10,000 quantity price, and orders with net billing over \$1,000 will be billed at the 100,000 quantity price. Sizes and colors may be combined for quantity prices. *Square pots are designed to save valuable storage, growing and shipping space. Soil content is the same as is in a round pot.

LINDIG SOIL SHREDDERS



The new Model B with the ACTIONIZED shredding blades is the product of several years actual testing in the field and is the finest shredder to be found on the market.

The Model B is designed for the speedy, thorough, perfect shredding of soil, peat, manure, compost piles, leaf mold, sphagnum moss, shingle tow and sods; also for mixing soil with manure, commercial fertilizer, etc. The Model B will shred five to six times as much soil as could be screened by hand in a given time. All the valuable manure and other humus are retained, assuring you better soil conditions at all times. Stronger plant growth and greater profits are yours with powered shredding.

Model JR-B. For the small grower or as a second shredder for the large grower to use on the potting bench. Height 27 ins., length 36 ins. Hopper size, 15 x 15 ins. Rotor 7 ins. wide with 3 sets of blades.

Without power \$110.00
With 1/2 h.p. motor 160.00
With 1 1/2 h.p. Gas Engine & Clutch 160.00

Following are 36" high and 46" over-all.

Model No. 1B-4. Feeder hopper size, 16 x 18 ins. Beater drum, 8 1/2 ins. wide, with four rows of teeth. Without motor. 155.00

Model No. 1B-6. Same as Model No. 1A, except that beater drum has six rows of teeth. Designed for extra-fine shredding. Without motor 165.00

Model No. 2B-6. Feeder hopper size, 16 x 20 ins. Beater drum 19 1/2 ins. wide with six rows of teeth. Without motor 185.00

Model No. 2B-8. Same as Model No. 2-A, except beater drum has eight rows of teeth. Designed for extra-fine shredding. Without motor 195.00

Electric Motor. 3/4 h.p., for use with models 1B-4, 1B-6, or 2B-6 Each 75.00
1 h.p. For use with Models 2B-6 or 2B-8. Each 95.00
1 1/2 h.p. 1 phase Elec. Motor 165.00

Prices include semi-pneumatic rubber tired heavy duty ball bearing wheels.

Hopper Extension, Model 1B & 2B raises front of hopper 12" 5.00 Ea.

Screening Attachment. Designed to remove rocks, sticks, roots, etc. For Models No. 1B-4 and 1B-6 60.00
For Models No. 2B-6 and 2B-8 70.00

Organic Shredding Hammers in place of original hammers.

JR-B—4.50 1B4—5.00 1B6-2B6—7.50

Larger models available. Ask for descriptive list.

All prices F.O.B. St. Paul, Minn.

"STEAM-FLO" SOIL STERILIZER

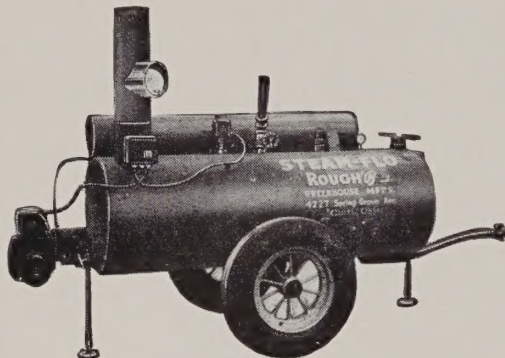
The portable oil fired sterilizer that will sterilize a 5' x 50' bed in 2 hours, maintaining from 8-10 lbs. pressure, burning from 4-4 1/2 gals. of #1 fuel oil per hour.

All welds are tested under 100 lbs. pressure, equipped with controls to keep from overheating.

Just plug into electric, flues are made of heavy boiler plate to insure long life. Designed to give years of service with very little upkeep.

Saves labor—kills weeds, nematodes and injurious bacteria. Equipped with low water cut-off and automatic water feeder.

Portable—weight 950 lbs. empty.



Prices for "Steam Flo" Equipment

Steam-flo sterilizer — completely equipped with 600 x 16 wheels but no tires \$685.00

25 feet 1 1/4" steam hose with two female connectors tested for 25 lbs. 45.00

1.9" O.D. aluminum tubing, flanged and drilled.50 foot

Weston soil thermometer 9.00

F.O.B. Cincinnati, Ohio

FOGG-IT NOZZLE

Breaks water into a fine mist of a fog-like spray. Will not wash away seeds, soil or fertilizer.

EACH 1.95 3 for 5.00

INSULATING ALUMINUM FOIL

3 ft. x 100 ft. roll 9.00 Each

WATER BREAKER

Rex Aqua Flo. Cast aluminum. No splashing of water on plant foliage. 4.00 each 6 for 22.00

MIDGET ROTARY DUSTER

The ideal duster for spot dusting of insecticides and fungicides. Throws an 8 foot dust stream. Aluminum with rust proof metal alloy gears. Swivel nozzle permits top dusting or under dusting of plants. Light weight. Only 1 1/4 lbs.

Each 9.95

WIRE POT HANGERS

The way to really SELL Weeping Lantanas, Hanging Basket Begonias, Ivy Geraniums, etc.

18" 16.00 per 100

24" 20.00 per 100

EXOTICA By A. B. GRAF

New Edition Available Oct. 1, 1961

Pictorial Cyclopedic of indoor plants.

New and fascinating. Completely illustrated. 700 pages 25.00

EXOTICS—96 page illustrated book on Exotic plants. \$2.50

AEROSOL (Disposable) BOMB

New double strength formulations. Can be used with existing applicator!

Will do everything that present old fashioned 4 lb. returnable aerosol will do in half the time.

USE ONLY WITH U.S.D.A. APPROVED GAS MASK AND PROTECTIVE CLOTHING.

	Net Weight 2 lbs.	Net Weight 4 lbs.
	Coverage 200,000 cu. ft.	Coverage 400,000 cu. ft.
Formula		
30% Aramite	12.00	20.80
30% Aramite with 2% Lindane	12.50	21.60
10% Dithio	9.00	15.75
30% Malathion	9.00	15.75
20% Parathion	9.00	15.75

Cannot be shipped by parcel post or express
TRUCK ONLY.

Packed 4 Bombs per shipping container.

Applicator (2 feet) 6.50
Extra long applicator (4 feet) 9.00

6" x 8" WIRE FABRIC

No need to use string and wire. Once installed can be raised or lowered. Weighs only 6 lbs. per 100 sq. feet. Galvanized for long life. 6" x 8" mesh can be used for all cut flower crops. 200 lineal feet per roll.

Width	Per Roll	Width	Per Roll
36"	15.90	54"	21.70
42"	17.20	60"	24.90
48"	19.50		

F.O.B. Long Island Shipping point

FUNGICIDES

CAPTAN. Useful in control of leafspot, rust, damping off, etc.

50% WP, 2 lbs. 2.00 10 lbs. 8.75

6% DITHANE (Parzate) DUST (Zineb) Contains 6% Zineb and is used where dust is preferred to a liquid application.

50 lbs. 9.75 100 lbs. 16.00

FERMATE.

3 lbs. bag 2.50 Case (12-3 lb. bags) 25.00

FERBAM DUST (Fermate). Contains 7.6% Ferbam in dust form.

50 lbs. 9.00 100 lbs. 16.00

GEROX.

Controls Geranium "Black Leg" for Gladiolus Corm Treatment.

150 Grams for 8.00 450 Grams for 18.00
Postpaid

MULTI-PURPOSE DUST — For the control of insect pests and fungus diseases on greenhouse or outdoor crops.

50 lb. Drum 25.00

PANODRENCH. For control of damping off 4 oz. 5.95 16 oz. 19.20

PARZATE. Controls many fungi and diseases. 3 lb. bag 3.40 Case (12-3 lb. bags) 36.00

PHALTAN 5 lb. bag 7.50

SEMESAN. 12. oz. 5.95

TERRACLOR. Useful in the control of stem rot caused by rhizoctonia on Carnations, Poinsettias, Chrysanthemums, etc.

5 lbs. 5.25 50 lbs. 47.75

WOOD VENEER PLANT BANDS

F. O. B. Illinois Shipping Point

Stapled wood veneer bands used by many of the largest growers.

Size in inches	Bands	
	Only Per 1000	Bottoms Per 1000
1 3/4 x 1 3/4 x 2	\$5.70	
1 3/4 x 1 3/4 x 2 1/2	5.80	9.10
2 x 2 x 2	5.80	9.10
2 x 2 x 2 1/2	5.90	9.20
2 1/4 x 2 1/4 x 2 1/2	6.10	9.30
2 1/2 x 2 1/2 x 2 1/2	6.20	9.50
2 x 2 x 3	6.20	9.50
2 1/2 x 2 1/2 x 3	6.60	10.00
3 x 3 x 3	7.00	10.30
3 x 3 x 4	7.20	10.70
4 x 4 x 3	7.30	11.00
4 x 4 x 4	8.20	12.00

PANSY BASKETS

	100	500	1000
No. 1—One Quart	\$3.40	\$16.50	\$32.00
No. 2—Two Quart	3.80	18.50	36.00
No. 3—Three Quart ..	4.00	19.50	38.00

PLANT STAKES

CANE STAKES (Dyed Green)

BALE LOTS ONLY—F.O.B. New York

Pencil Thickness	2000 Per Bale
1 1/2 Ft.	\$ 6.00
2 Ft.	8.00
2 1/2 Ft.	10.00
3 Ft.	13.00
4 Ft.	18.00
5 Ft.	24.00
6 Ft. (Natural)	28.00

SPLIT BAMBOO HYACINTH STAKES

Green Dyed	5000 Per Bale
12 inch	\$13.00
15 inch	16.00
18 inch	20.00
24 inch	25.00

DISCOUNTS

Quantity	
10 Bales up	Less 5%
25 Bales up	Less 10%

HEAVY BAMBOO CANES

Length	PRICE PER 100		
	Diameter 3/8"	1/2-5/8"	5/8-3/4"
3 ft.	3.00		
4 ft.	4.10	5.60	6.50
5 ft.		6.20	7.80
6 ft.		7.25	9.10
7 ft.		8.00	9.40
8 ft.		9.40	10.00

ROUND GREEN POINTED HARD WOOD STAKES

	Per 1000	Case of 4000
12"	4.90	18.50
15"	5.50	21.00
18"	6.00	23.00

WOOD BUNCHING STICKS

For packing carnations, mums, etc. clean, smooth sanded bright white wood sticks, 1/8 inch thick, 13/16 inch wide and 8 3/8" long.

	Per 1000	Per 1000
1000	\$12.50	5000 11.50
10,000	10.50	25,000 9.50
10,000 or more printed at \$2.50		
Per 1000 extra. Allow 4 weeks.		

GREEN ENAMELED PLANT STAKES

Can be cut to plant requirements. Put up in 1000 pieces per bundle.

Prices per 1000 pieces F.O.B. Fostoria, Ohio

Length	#14 Gauge	
	App. 5/64"	Per 1000
12"		4.85
15"		5.75
18"		6.85
21"		7.70
24"		9.00
27"		10.50
30"		11.25
36"		13.25
42"		15.25
48"		17.00

TWIST-EMS

Twist-Ems. Flat green tapes reinforced with wire centers.

	5,000	10,000	25,000
4 inch	5.15	9.60	23.50
8 inch	9.00	17.00	41.50
12 inch	13.10	25.50	60.95

Twist-Ems Roll. 250 foot roll of Twist-Ems. Cut the size you need.

1.00 per roll

TWIST-EM "SOLD" TAGS

Eliminate error in stock that has been purchased, just twist one of these bright red tags marked "SOLD" around the particular item. SAVES CONFUSION. SAVES TIME.

Box of 2500 for \$6.00

WOOD LABELS

Pot Labels — 5/8 in. wide	Per 1000 Painted
4 in., packages of 1000	4.00
5 in., packages of 1000	4.50
6 in., packages of 1000	4.75
8 in., packages of 500	7.00
10 in., packages of 500	8.50
12 in., packages of 250	12.00

Garden Labels

8 in. x 7/8 in. wide	10.00
10 in. x 7/8 in. wide	11.00
12 in. x 1 1/8 in. wide	19.00

NOTE.— 8" packed 250 per ctn.
10" packed 250 per ctn.
12" packed 100 per ctn.

Wood Tree Labels

3 1/2 in. Copper Wired	
1000 per package	5.00

TWIST LOCK HOSE COUPLERS

Saves labor, time and tempers. Cannot come apart or leak. All Bronze. Precision made. Unconditional guarantee.

Per Set — \$2.20 Each

Additional faucet connections —.50 Ea.

"GRO-HOSE"

Polyethylene watering tubes with holes spaced 8" apart. Waters the full length and width of your benches automatically.

1-1000 ft.	9½c. ft.	1001-5000 ft.	8½c. ft.
		Over 5,000 ft.	
		7½c. ft.	

GRO HOSE HEADERS

Two way	4.00	Four way	4.75
		Three way	6.00

CANVAS Sterilizing Hose. The perfect steam conductor when sterilizing. 18c. foot

WOOD PRESERVATIVES

Cuprinol #10 — Insects and fungi just don't go in wood treated with Cuprinol. This excellent wood preserver is harmless to plants. One gallon covers 400 sq. ft.

5 gal.	22.00	50 gal.	189.00
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Cuprinol for Florists for Dipping #14.

5 gal.	14.25	50 gal.	119.25
20 gal. or more shipped prepaid.			

HOSE

Plastic— Resinite Gold stripe 3/4" x 50'
17.95 Each

Rubber— 2 ply rayon cord. Black 3/4" x 50'
12.75 Each

NEW PLASTIC HOSE RED

Feather-weight, full 3/4" diameter. Stays completely pliable and regardless of the temperature of water. So rugged that the abuse generally given hoses does not affect it. Used on Water Robots with complete satisfaction.

50 ft.	for 17.40
100 ft.	for 33.90 with extra large couplings

BLACK CLOTH

Two standard grades to choose from. Tested and approved by commercial growers and experiment stations for inside and outside shading.

Furnished in 36" widths or sewed into wide sheets in multiples of 18" to specifications.

No. 258	.74 sq. yd.
No. 575	.67 sq. yd.

STERILIZING COVER

A lightweight gas tight cover made of green Monsanto velon plastic for steam sterilizing, soil fumigating, water proofing, etc.

HEAVY DUTY VINYL (OLIVE DRAB) 8 MIL

6-2/3 ft. x 100 ft. (seamless)	38.50 roll
6-2/3 ft. x 150 ft. (seamless)	58.00 roll
10 ft. x 100 ft.	77.50 roll
Black Mulch 1 1/2 Mil 3' x 1000'	18.00 roll
4' x 1000'	22.00 roll

POLYETHYLENE. (For plastic greenhouses)
2 mil-clear 6-2/3 ft. x 300 ft.

1 to 5 rolls	15.00 roll
6 or more	14.00 roll

M-SCOPE MOISTURE COMPARATOR

Know EXACTLY When to Water Plants!

Extremely simple to operate. No controls to adjust. The indicating meter scale is divided into three sections "DRY" "MOIST" and "WET" with corresponding colors red, yellow and green. When the probe is inserted into the soil the meter will directly show the moisture conditions existing at the probe tip.

PRICE	12.00	POSTPAID
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SOIL FUMIGATION

PESTMASTER SOIL FUMIGANT or **DOW-FUME MC-2** (each contains 98% methyl bromide with 2% chloropicrin added). For control of weeds, diseases, nematodes and other soil pests in seed beds and local areas.

In lb. cans

6 LBS.—**6.50** 12 LBS.—**12.00** 24 LBS.—**21.50**

Jiffy Applicator. For applying Pestmaster soil fumigant or Dowfume MC-2. Complete with 10 foot saran plastic hose **\$4.00**.

Extra 10 foot Saran Plastic hose **1.50** each

VAPAM-4S SOIL FUMIGANT

Per gal.

1 Gal. **4.90**

5 Gal. **22.00**

GREENHOUSE FUMIGANTS

PLANTFUME 15% DITHIO 103 SMOKE GENERATORS

Controls two spotted spider mite, aphids, thrips, etc.

5,000 cu. ft. generator **\$12.00** ctn. of 36

20,000 cu. ft. generator **\$12.00** ctn. of 12

PLANTFUME 15% DIELDRIN 113 SMOKE GENERATOR

Controls thrips, fall army worms, leaf rollers, tarnished plant bugs and Japanese beetles.
10,000 cu. ft. generator **15.00** ctn. of 36

PLANTFUME MILDEW SMOKE GENERATOR

Controls mildew roses.

5,000 cu. ft. generator **\$19.00** ctn. of 36

TEDION — D,1H10 PRESSURE FUMIGATORS CONTROLS RESISTANT SPIDER MITE

10,000 cu. ft. size **15.00** ctn of 12

20,000 cu. ft. size **26.00** ctn of 12

FULEX SPIDER-MITE FUMIGATORS

For Red Spiders, including some Parathion resistant strains on carnations, chrysanthemums and snapdragons.

Carton (24 cans)

1,000 cu. ft. **11.50**

2,000 cu. ft. **11.50**

5,000 cu. ft. **14.50**

10,000 cu. ft. **19.00**

20,000 cu. ft. **31.00**

FULEX PARATHION FUMIGATORS

For Red Spiders, Aphids and Thrips on florist crops.

Carton (24 cans)

1,000 cu. ft. **11.50**

2,000 cu. ft. **11.50**

5,000 cu. ft. **14.50**

10,000 cu. ft. **17.00**

20,000 cu. ft. **26.00**

FULEX NICOTINE FUMIGATORS

Efficient results on aphids and most thrips.
10,000 cu. ft. size ctn. of 12 cans **9.60**

20,000 cu. ft. size ctn. of 12 cans **16.20**

FULEX APHID-SMOKE FUMIGATORS

For Aphids and Adult White Flies

Carton (24 cans)

1,000 cu. ft. **11.00**

2,000 cu. ft. **11.00**

5,000 cu. ft. **14.00**

10,000 cu. ft. **17.00**

20,000 cu. ft. **25.00**

ROOT-FORMING CHEMICALS

Hormodin #1 1 lb. **4.80**

Hormodin #2 1 lb. **7.00**

Hormodin #3 1/2 lb. **7.00**

ROOTONE 2 oz.—**1.25** 1 lb.—**5.00**

FERTILIZERS

PETERS SPECIAL SOLUBLE FERTILIZERS

20-10-15 Nurserymans Special

15-15-15 Geranium Special

20- 5-30 Potash Special

21- 7- 7 Azalea Neutral

21- 7- 7 Azalea Acid

16- 4-12 Easter Lily Special

25-10-10 Maryland Special

25- 0-25 Low Phosphate Special

40- 3- 3 Nitrogen Special

Price for above Fertilizers, per 25 lb. bag:

25-75 Lbs. **6.75** per bag

100-975 Lbs. **5.75** per bag

10-20-20 Low Nitrogen Special

15-30-15 High Phosphate

20-20-20 General Purpose

25-15-20 Carnation Special New

Price for above Fertilizers, per 25 lb. bag:

25-75 Lbs. **7.25** per bag

100-975 Lbs. **6.25** per bag

10-30-20 Orchid Special

Price for above Fertilizers, per 25 lb. bag:

25-75 Lbs. **7.75** per bag

100-975 Lbs. **7.25** per bag

FRT. PREPAID ON 300 LBS. OR MORE

COMPLETE FERTILIZER

Electra 5-10-3. The all purpose plant food Highly organic. Complete in every detail.

80 lbs. **6.50**

WATER SOLUBLE FERTILIZER

Hy-gro 13-26-13

10 lbs. **4.35** 25 lbs. **10.00**

100 lbs. **30.00**

Hyponex

10 lbs. **5.35** 25 lbs. **10.00**

50 lbs. **16.67** 100 lbs. **26.67**

Plant Prod 15-30-15.

25 lbs. **9.00** 50 lbs. **12.00**

100 lbs. **21.00**

Plant Prod 20-20-20.

25 lbs. **7.75** 50 lbs. **10.50**

100 lbs. **18.00**

INSECTICIDES

ARAMITE. Highly effective against two spotted mite (including parathion resistant variety).

15% wettable powder 4 lbs. **3.80**

BLACK LEAF. 40. (Nicotine Sulphate). For use against thrips aphids and other sucking insects.

10 lb. tin **14.70**

Chlordane 5% Dust 50 lbs. **7.50**

Chlordane 45% Emulsion 1 Gal. **9.00**

CYANOGLAS. Greenhouse fumigant, eliminates aphids, thrips, whitefly or soft scale.

5 lbs. **4.50** 25 lbs. **14.00**

DU PONT SPREADER, STICKER. Effectively combines all sprays to make a better sticking and spreading solution. 1 gal. **9.20**

50% "D.D.T." Wettable Powder.

4 lbs. **1.80** 50 lbs. **19.00**

5% D.D.T. Dust.

50 lb. **6.50**

ENDRIN

1 Gal. **13.00**

KELTHANE. For control of resistant red spider.

1 Gal. **14.75** 5 gal. drum. **68.75**

LINDANE. 25% wettable powder. For control of aphids, thrips, symphylids.

1 lb. **2.50** 5 lbs. **10.00**

MALATHION. 25% wettable powder. For control of aphids, mealy bug, thrips, whitefly.
5 lbs. **3.75** ea.

MALATHION. 50% Emulsion 1 Gal. **12.50**

NICOFUME LIQUID. For vaporizing and spraying 8 lb. tin (1 gal.) **16.30**

40 lb. drum (5 gal.) **82.00**

SLUGIT

Liquid Slug Killer 1 gal. **12.00**

SLUG-KILL. A scientifically balanced metaldehyde dust for control of slugs. Apply at the rate of 2 lbs. per 1000 sq. ft.

4 lbs. **3.30**

20 lbs. **15.00** 50 lbs. **33.00**

SYSTOX. Systemic insecticide for absorption through the root system.

1 Gal. **32.00**

TEDION.

2 Lb. bag **5.00**

6—2 Lb. bags **27.50**

12—2 Lb. bags **52.00**

TONACIDE with D.D.T.

50 lbs. **13.00** 100 lbs. **26.00**

VAPOTONE. Controls aphids, mealy bug, red spider, etc. Gal. **13.50**

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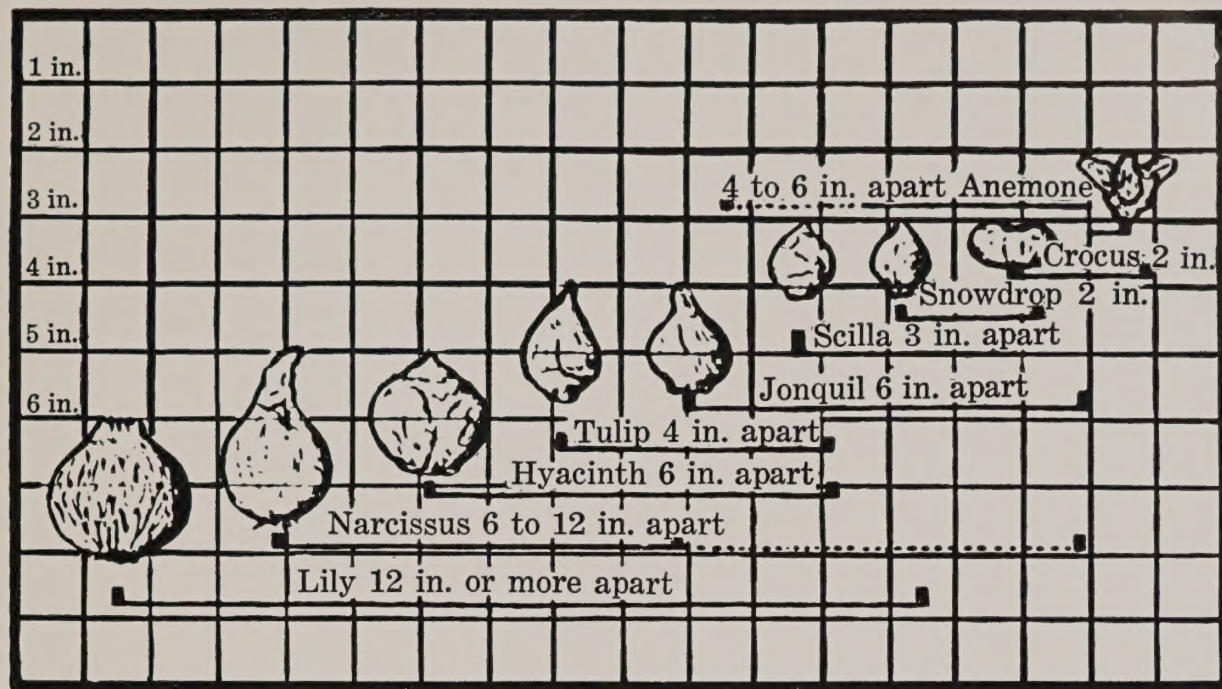
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Depth to Plant

BULB PLANTING CHART



QUANTITY OF BULBS NECESSARY FOR ROUND BEDS

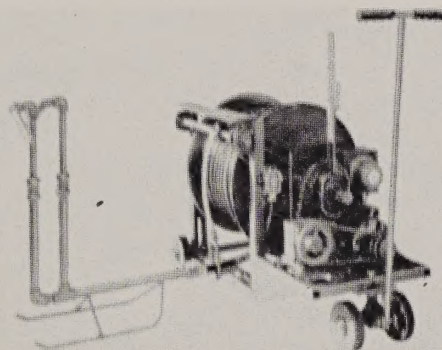
Diameter	Distance Apart	4 in.	6 in.
3 ft.	95	37	
4 ft.	127	61	
5 ft.	225	81	
6 ft.	271	127	
7 ft.	410	169	
8 ft.	469	225	
9 ft.	650	271	
10 ft.	721	331	

EASTER—April 2nd, 1961
April 22nd, 1962

MOTHER'S DAY—May 14th, 1961

S.S.S. AUTOMATIC WATER ROBOT

BECAUSE "IT PROPERLY APPLIES WATER BETTER THAN BY HAND" . . .



"SAVES MONEY"
"SAVES WATERING TIME"
"RELEASES A MAN
TO DO OTHER WORK".

No. 1 Model Plus Hose
675.00

No. 2 Model Plus Hose
690.00

All prices F.O.B. Midwest

No. 1 Model Reel accomodates 175 Ft. 3/4 inch I.D. Plastic or Rubber Hose.
No. 2 Model Reel accomodates 250 Ft. 3/4 inch I.D. Rubber hose or 300 Ft. Plastic Hose.
3/4 in. I.D. Plastic HoseFt. .49 3/4 in. I.D. Rubber HoseFt. .49

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